

Name: Changshu Institute for Products Quality Supervision and Inspection

Address: No.1087, Xinshiji Avenue, Qinchuan Street, Changshu, Jiangsu, China

Registration No. CNAS L1527

Accreditation Criteria: ISO/IEC 17025:2017 and relevant requirements of CNAS

Effective Date: 2025-02-14      Expiry Date: 2030-08-17

SCHEDULE 3 ACCREDITED TESTING SCOPE

| №                                   | Test Object                       | Item/Parameter |                                  | Standard or Method                                                                                 | Note                                                                | Effective Date |
|-------------------------------------|-----------------------------------|----------------|----------------------------------|----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|----------------|
|                                     |                                   | №              | Item/ Parameter                  |                                                                                                    |                                                                     |                |
| 一、metal material and metal products |                                   |                |                                  |                                                                                                    |                                                                     |                |
| 1、metal material and metal products |                                   |                |                                  |                                                                                                    |                                                                     |                |
| 1                                   | Metal material and metal products | 1              | Tensile test at room temperature | Metallic materials - Tensile testing - Part 1 : Method of test at room temperature GB/T 228.1-2021 | Accredited only for Rm,ReL,ReH,Rp0.2,Rt,A,Ag,Agt,Z less than 1000kN | 2024-08-29     |
|                                     |                                   | 2              | Impact test                      | Metallic materials—Charpy pendulum impact test method GB/T 229-2020                                | Accredited only for KU2 and KV2 , less than 300J and from room      | 2024-08-29     |



No. CNAS L1527

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|---|-------------|----------------|------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|----------------|
|   |             | №              | Item/ Parameter        |                                                                                    |                                                                                                                        |                |
|   |             |                |                        |                                                                                    | temperature to -60°C                                                                                                   |                |
|   |             |                |                        | Metallic materials. Charpy pendulum impact test. Part 1:Test method ISO 148-1:2016 |                                                                                                                        | 2024-08-29     |
|   |             | 3              | Bending test           | Metallic materials - Bend test GB/T 232-2024                                       |                                                                                                                        | 2025-02-14     |
|   |             | 4              | Brinell hardness test  | Metallic materials - Brinell hardness test - Part 1: Test method GB/T 231.1-2018   | Accredited only for HBW10/30 00, HBW10/15 00, HBW10/10 00, HBW10/50 0, HBW10/25 0, HBW5/750 , HBW5/250 , HBW2.5/1 87.5 | 2024-08-29     |
|   |             |                |                        | Metallic materials. Brinell hardness test. Part 1:Test method ISO 6506-1:2014      |                                                                                                                        | 2024-08-29     |
|   |             | 5              | Rockwell hardness test | Metallic materials-Rockwell hardness test-Part 1:Test method GB/T 230.1-2018       | Accredited only for HRA,                                                                                               | 2024-08-29     |



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No. CNAS L1527

The scope of the accreditation in Chinese remains the definitive version.

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|---|-------------|----------------|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|----------------|
|   |             | №              | Item/ Parameter         |                                                                                                                                                                    |                                                                                    |                |
|   |             |                |                         |                                                                                                                                                                    | HRBW,<br>HRC                                                                       |                |
|   |             |                |                         | Metallic materials. Rockwell hardness test. Part 1: Test method<br>ISO 6508-1:2016                                                                                 | Invalid standards, only applicable when referenced                                 | 2024-08-29     |
|   |             | 6              | Vickers hardness test   | Metallic materials—Vickers hardness test—Part 1: Test method<br>GB/T 4340.1-2024                                                                                   | Accredited only for<br>HV0.1,HV0.2,HV0.3,<br>HV0.5,HV1,HV5,HV10,<br>HV20,HV30,HV50 | 2024-12-26     |
|   |             |                |                         | Metallic materials. Vickers hardness test. Part 1: Test method<br>ISO 6507-1:2018                                                                                  | Invalid standards, only applicable when referenced                                 | 2024-08-29     |
|   |             | 7              | Flattening test         | Metallic materials-Tube-Flattening test GB/T 246-2017                                                                                                              |                                                                                    | 2024-08-29     |
|   |             | 8              | Flaring test            | Metal materials-Tube-Drift-expending test GB/T 242-2007                                                                                                            |                                                                                    | 2024-08-29     |
|   |             | 9              | Neutral salt spray test | Corrosion tests in artificial atmospheres - Salt spray tests GB/T 10125-2021                                                                                       |                                                                                    | 2024-08-29     |
|   |             |                |                         | Corrosion-resistant testing method of the metal deposits and conversion coatings for the light industrial products Neutral salt spraying test (NSS) QB/T 3826-1999 |                                                                                    | 2024-08-29     |



No. CNAS L1527

第 3 页 共 84 页

The scope of the accreditation in Chinese remains the definitive version.

| № | Test Object | Item/Parameter |                                                  | Standard or Method                                                                                         | Note | Effective Date |
|---|-------------|----------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------|------|----------------|
|   |             | №              | Item/ Parameter                                  |                                                                                                            |      |                |
|   |             | 10             | Upper yield strength                             | Metallic materials — Tensile testing — Part 1: Method of test at room temperature ISO 6892-1:2019 11       |      | 2024-08-29     |
|   |             | 11             | Lower yield strength                             | Metallic materials — Tensile testing — Part 1: Method of test at room temperature ISO 6892-1:2019 12       |      | 2024-08-29     |
|   |             | 12             | Proof strength, plastic extension                | Metallic materials — Tensile testing — Part 1: Method of test at room temperature ISO 6892-1:2019 13       |      | 2024-08-29     |
|   |             | 13             | Proof strength, total extension                  | Metallic materials — Tensile testing — Part 1: Method of test at room temperature ISO 6892-1:2019 14       |      | 2024-08-29     |
|   |             | 14             | tensile strength                                 | Metallic materials — Tensile testing — Part 1: Method of test at room temperature ISO 6892-1:2019 10.3.3.3 |      | 2024-08-29     |
|   |             | 15             | Percentage yield point extension                 | Metallic materials — Tensile testing — Part 1: Method of test at room temperature ISO 6892-1:2019 16       |      | 2024-08-29     |
|   |             | 16             | Percentage plastic extension at maximum force    | Metallic materials — Tensile testing — Part 1: Method of test at room temperature ISO 6892-1:2019 17       |      | 2024-08-29     |
|   |             | 17             | Percentage total extension at maximum force      | Metallic materials — Tensile testing — Part 1: Method of test at room temperature ISO 6892-1:2019 18       |      | 2024-08-29     |
|   |             | 18             | Percentage total extension at fracture           | Metallic materials — Tensile testing — Part 1: Method of test at room temperature ISO 6892-1:2019 19       |      | 2024-08-29     |
|   |             | 19             | Percentage elongation after fracture             | Metallic materials — Tensile testing — Part 1: Method of test at room temperature ISO 6892-1:2019 20       |      | 2024-08-29     |
|   |             | 20             | Percentage reduction of area                     | Metallic materials — Tensile testing — Part 1: Method of test at room temperature ISO 6892-1:2019 21       |      | 2024-08-29     |
|   |             |                |                                                  | Steel plate with through-thickness properties GB/T 5313-2023                                               |      | 2024-08-29     |
|   |             | 21             | Surface quality Of Metal Products And Components | Non-Destructive Testing- AS 3978-2003                                                                      |      | 2024-08-29     |



No. CNAS L1527

第 4 页 共 84 页

The scope of the accreditation in Chinese remains the definitive version.

| №                              | Test Object | Item/Parameter |                                            | Standard or Method                                                                                                                                     | Note                                                                                                         | Effective Date |
|--------------------------------|-------------|----------------|--------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|----------------|
|                                |             | №              | Item/ Parameter                            |                                                                                                                                                        |                                                                                                              |                |
|                                |             | 22             | Low magnification organization and defects | Test method for macrostructure and defect of steel by etching GB/T 226-2015                                                                            |                                                                                                              | 2024-08-29     |
|                                |             | 23             | Intergranular corrosion                    | Corrosion of metals and alloys-Test methods for intergranular corrosion of austenitic and ferritic-austenitic (duplex) stainless steels GB/T 4334-2020 | Only:<br>Method E<br>Copper<br>Copper<br>Sulfate -<br>16%<br>Sulfuric<br>Acid<br>Corrosion<br>Test<br>Method | 2024-08-29     |
| 2、aluminum and aluminum alloys |             |                |                                            |                                                                                                                                                        |                                                                                                              |                |
| 1                              |             | 1              | Si                                         | Optical emission spectrometric analysis method of aluminum and aluminum alloys GB/T 7999-2015                                                          |                                                                                                              | 2024-08-29     |
|                                |             | 2              | Fe                                         | Optical emission spectrometric analysis method of aluminum and aluminum alloys GB/T 7999-2015                                                          |                                                                                                              | 2024-08-29     |
|                                |             | 3              | Cu                                         | Optical emission spectrometric analysis method of aluminum and aluminum alloys GB/T 7999-2015                                                          |                                                                                                              | 2024-08-29     |
|                                |             | 4              | Mn                                         | Optical emission spectrometric analysis method of aluminum and aluminum alloys GB/T 7999-2015                                                          |                                                                                                              | 2024-08-29     |
|                                |             | 5              | Mg                                         | Optical emission spectrometric analysis method of aluminum and aluminum alloys GB/T 7999-2015                                                          |                                                                                                              | 2024-08-29     |
|                                |             | 6              | Cr                                         | Optical emission spectrometric analysis method of aluminum and aluminum alloys GB/T 7999-2015                                                          |                                                                                                              | 2024-08-29     |
|                                |             | 7              | Ni                                         | Optical emission spectrometric analysis method of aluminum and aluminum alloys GB/T 7999-2015                                                          |                                                                                                              | 2024-08-29     |



No. CNAS L1527

The scope of the accreditation in Chinese remains the definitive version.

| №                          | Test Object                                 | Item/Parameter |                                        | Standard or Method                                                                                                                                                                                                        | Note                                                                 | Effective Date |
|----------------------------|---------------------------------------------|----------------|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|----------------|
|                            |                                             | №              | Item/ Parameter                        |                                                                                                                                                                                                                           |                                                                      |                |
|                            |                                             | 8              | Zn                                     | Optical emission spectrometric analysis method of aluminum and aluminum alloys GB/T 7999-2015                                                                                                                             |                                                                      | 2024-08-29     |
|                            |                                             | 9              | Ti                                     | Optical emission spectrometric analysis method of aluminum and aluminum alloys GB/T 7999-2015                                                                                                                             |                                                                      | 2024-08-29     |
| 3、Iron and steel materials |                                             |                |                                        |                                                                                                                                                                                                                           |                                                                      |                |
| 1                          | Carbon steel and low and medium alloy steel | 1              | C,Si,Mn,P,S,Cr,Ni, Mo,Cu,Nb,Ti,W,Al, V | Carbon and low-alloy steel—Determination of multi-element contents—Spark discharge atomic emission spectrometric method(routine method) GB/T 4336-2016 and Amendment No.1 (National Standard Announcement No. 23 of 2017) |                                                                      | 2024-08-29     |
| 2                          | Stainless steel                             | 1              | C,Si,Mn,P,S,Cr,Ni, Mo,Cu,Nb,Ti,W,Al, V | Stainless steel-Determination of multi-element contents-Spark discharge atomic emission spectrometric method (Routine method) GB/T 11170-2008                                                                             |                                                                      | 2024-08-29     |
| 3                          | Iron and steel materials                    | 1              | Microstructure                         | Inspection method of microstrcture for metal GB/T 13298-2015                                                                                                                                                              |                                                                      | 2024-08-29     |
|                            |                                             |                |                                        | Determination of free cementite,pearlite and Widmanstaten structure in steel GB/T 13299-2022                                                                                                                              |                                                                      | 2024-08-29     |
|                            |                                             | 2              | Depth of decarburized layer            | Determination of the depth of decarburization of steels GB/T 224-2019                                                                                                                                                     | Accredited only for Metallogra phic method and Microhardn ess method | 2024-08-29     |
|                            |                                             | 3              | The carburizing hardening layer depth  | Steels—Determination and verification of the depth of carburized and hardened cases GB/T 9450-2005                                                                                                                        | Accredited only for Vickers hardness method                          | 2024-08-29     |
|                            |                                             | 4              | Grain size                             | Determination of estimating the average grain size of metal GB/T 6394-2017                                                                                                                                                | Except for area                                                      | 2024-08-29     |



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No. CNAS L1527

The scope of the accreditation in Chinese remains the definitive version.

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|---|----------------------------------|----------------|-------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------|
|   |                                  | №              | Item/ Parameter                                       |                                                                                                                                                                                                                           |                                                                                   |                |
|   |                                  |                |                                                       |                                                                                                                                                                                                                           | method                                                                            |                |
|   |                                  | 5              | Non-metallic inclusion                                | Determination of content of nonmetallic inclusions in steel-Micrographic method using standard diagrams GB/T 10561-2023                                                                                                   |                                                                                   | 2024-08-29     |
|   |                                  | 6              | Carbide                                               | Eutectic carbide of steel--Micrographic method using standard diagrams GB/T 14979-1994                                                                                                                                    |                                                                                   | 2024-08-29     |
| 4 | Cast iron                        | 1              | Metallographic test for spheroidal graphite cast iron | Metallographic test for spheroidal graphite cast iron GB/T 9441-2021                                                                                                                                                      |                                                                                   | 2024-08-29     |
|   |                                  | 2              | Gray cast iron metallography                          | Metallographic test for gray cast iron GB/T 7216-2023                                                                                                                                                                     |                                                                                   | 2024-08-29     |
| 5 | Quality carbon structural steels | 1              | Part parameters                                       | Quality carbon structural steels GB/T 699-2015                                                                                                                                                                            | Except for Top forging test, tower pattern, ultrasonic test, N, End hardenability | 2024-08-29     |
|   |                                  | 2              | C                                                     | Carbon and low-alloy steel—Determination of multi-element contents—Spark discharge atomic emission spectrometric method(routine method) GB/T 4336-2016 and Amendment No.1 (National Standard Announcement No. 23 of 2017) |                                                                                   | 2024-08-29     |
|   |                                  | 3              | Si                                                    | Carbon and low-alloy steel—Determination of multi-element contents—Spark discharge atomic emission spectrometric method(routine method) GB/T 4336-2016 and Amendment No.1 (National Standard Announcement No. 23 of 2017) |                                                                                   | 2024-08-29     |
|   |                                  | 4              | Mn                                                    | Carbon and low-alloy steel—Determination of multi-element contents—Spark discharge atomic emission spectrometric                                                                                                          |                                                                                   | 2024-08-29     |



No. CNAS L1527

第 7 页 共 84 页

The scope of the accreditation in Chinese remains the definitive version.

| № | Test Object | Item/Parameter |                       | Standard or Method                                                                                                                                                                                                        | Note | Effective Date |
|---|-------------|----------------|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
|   |             | №              | Item/ Parameter       |                                                                                                                                                                                                                           |      |                |
|   |             |                |                       | method(routine method) GB/T 4336-2016 and Amendment No.1 (National Standard Announcement No. 23 of 2017)                                                                                                                  |      |                |
|   |             | 5              | P                     | Carbon and low-alloy steel—Determination of multi-element contents—Spark discharge atomic emission spectrometric method(routine method) GB/T 4336-2016 and Amendment No.1 (National Standard Announcement No. 23 of 2017) |      | 2024-08-29     |
|   |             | 6              | S                     | Carbon and low-alloy steel—Determination of multi-element contents—Spark discharge atomic emission spectrometric method(routine method) GB/T 4336-2016 and Amendment No.1 (National Standard Announcement No. 23 of 2017) |      | 2024-08-29     |
|   |             | 7              | Cr                    | Carbon and low-alloy steel—Determination of multi-element contents—Spark discharge atomic emission spectrometric method(routine method) GB/T 4336-2016 and Amendment No.1 (National Standard Announcement No. 23 of 2017) |      | 2024-08-29     |
|   |             | 8              | Ni                    | Carbon and low-alloy steel—Determination of multi-element contents—Spark discharge atomic emission spectrometric method(routine method) GB/T 4336-2016 and Amendment No.1 (National Standard Announcement No. 23 of 2017) |      | 2024-08-29     |
|   |             | 9              | Cu                    | Carbon and low-alloy steel—Determination of multi-element contents—Spark discharge atomic emission spectrometric method(routine method) GB/T 4336-2016 and Amendment No.1 (National Standard Announcement No. 23 of 2017) |      | 2024-08-29     |
|   |             | 10             | Tensile test          | Metallic materials - Tensile testing - Part 1 : Method of test at room temperature GB/T 228.1-2021                                                                                                                        |      | 2024-08-29     |
|   |             | 11             | Impact test           | Metallic materials—Charpy pendulum impact test method GB/T 229-2020                                                                                                                                                       |      | 2024-08-29     |
|   |             | 12             | Brinell hardness test | Metallic materials - Brinell hardness test - Part 1: Test method GB/T 231.1-2018                                                                                                                                          |      | 2024-08-29     |
|   |             | 13             | Macrostructure        | Test method for macrostructure and defect of steel by etching GB/T 226-2015                                                                                                                                               |      | 2024-08-29     |



No. CNAS L1527

第 8 页 共 84 页

The scope of the accreditation in Chinese remains the definitive version.

| № | Test Object              | Item/Parameter |                             | Standard or Method                                                                                                                                                                                                        | Note         | Effective Date |
|---|--------------------------|----------------|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------|
|   |                          | №              | Item/ Parameter             |                                                                                                                                                                                                                           |              |                |
|   |                          | 14             | Depth of decarburized layer | Determination of the depth of decarburization of steels GB/T 224-2019                                                                                                                                                     |              | 2024-08-29     |
|   |                          | 15             | Grain size                  | Determination of estimating the average grain size of metal GB/T 6394-2017                                                                                                                                                |              | 2024-08-29     |
|   |                          | 16             | Non-metallic inclusion      | Determination of content of nonmetallic inclusions in steel-Micrographic method using standard diagrams GB/T 10561-2023                                                                                                   |              | 2024-08-29     |
|   |                          | 17             | Microstructure              | Inspection method of microstructure for metal GB/T 13298-2015                                                                                                                                                             |              | 2024-08-29     |
|   |                          | 18             | Surface Quality             | Quality carbon structural steels GB/T 699-2015 7                                                                                                                                                                          |              | 2024-08-29     |
|   |                          | 19             | Size and appearance         | Quality carbon structural steels GB/T 699-2015 7                                                                                                                                                                          |              | 2024-08-29     |
| 6 | Carbon structural steels | 1              | Part parameters             | Carbon structural steels GB/T 700-2006                                                                                                                                                                                    | Except for N | 2024-08-29     |
|   |                          | 2              | C                           | Carbon and low-alloy steel—Determination of multi-element contents—Spark discharge atomic emission spectrometric method(routine method) GB/T 4336-2016 and Amendment No.1 (National Standard Announcement No. 23 of 2017) |              | 2024-08-29     |
|   |                          | 3              | Si                          | Carbon and low-alloy steel—Determination of multi-element contents—Spark discharge atomic emission spectrometric method(routine method) GB/T 4336-2016 and Amendment No.1 (National Standard Announcement No. 23 of 2017) |              | 2024-08-29     |
|   |                          | 4              | Mn                          | Carbon and low-alloy steel—Determination of multi-element contents—Spark discharge atomic emission spectrometric method(routine method) GB/T 4336-2016 and Amendment No.1 (National Standard Announcement No. 23 of 2017) |              | 2024-08-29     |
|   |                          | 5              | P                           | Carbon and low-alloy steel—Determination of multi-element contents—Spark discharge atomic emission spectrometric method(routine method) GB/T 4336-2016 and Amendment No.1 (National Standard Announcement No. 23 of 2017) |              | 2024-08-29     |



No. CNAS L1527

第 9 页 共 84 页

The scope of the accreditation in Chinese remains the definitive version.

| № | Test Object                               | Item/Parameter |                 | Standard or Method                                                                                                                                                                                                        | Note                                       | Effective Date |
|---|-------------------------------------------|----------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|----------------|
|   |                                           | №              | Item/ Parameter |                                                                                                                                                                                                                           |                                            |                |
|   |                                           | 6              | S               | Carbon and low-alloy steel—Determination of multi-element contents—Spark discharge atomic emission spectrometric method(routine method) GB/T 4336-2016 and Amendment No.1 (National Standard Announcement No. 23 of 2017) |                                            | 2024-08-29     |
|   |                                           | 7              | Cr              | Carbon and low-alloy steel—Determination of multi-element contents—Spark discharge atomic emission spectrometric method(routine method) GB/T 4336-2016 and Amendment No.1 (National Standard Announcement No. 23 of 2017) |                                            | 2024-08-29     |
|   |                                           | 8              | Ni              | Carbon and low-alloy steel—Determination of multi-element contents—Spark discharge atomic emission spectrometric method(routine method) GB/T 4336-2016 and Amendment No.1 (National Standard Announcement No. 23 of 2017) |                                            | 2024-08-29     |
|   |                                           | 9              | Al              | Carbon and low-alloy steel—Determination of multi-element contents—Spark discharge atomic emission spectrometric method(routine method) GB/T 4336-2016 and Amendment No.1 (National Standard Announcement No. 23 of 2017) |                                            | 2024-08-29     |
|   |                                           | 10             | Cu              | Carbon and low-alloy steel—Determination of multi-element contents—Spark discharge atomic emission spectrometric method(routine method) GB/T 4336-2016 and Amendment No.1 (National Standard Announcement No. 23 of 2017) |                                            | 2024-08-29     |
|   |                                           | 11             | Tensile test    | Metallic materials - Tensile testing - Part 1 : Method of test at room temperature GB/T 228.1-2021                                                                                                                        |                                            | 2024-08-29     |
|   |                                           | 12             | Impact test     | Metallic materials—Charpy pendulum impact test method GB/T 229-2020                                                                                                                                                       |                                            | 2024-08-29     |
|   |                                           | 13             | Bending test    | Metallic materials - Bend test GB/T 232-2010                                                                                                                                                                              |                                            | 2024-08-29     |
| 7 | High strength low alloy structural steels | 1              | Part parameters | High strength low alloy structural steels GB/T 1591-2018                                                                                                                                                                  | Except for Nondestructive testing and N, B | 2024-08-29     |



No. CNAS L1527

第 10 页 共 84 页

The scope of the accreditation in Chinese remains the definitive version.

| № | Test Object | Item/Parameter |                 | Standard or Method                                                                                                                                                                                                        | Note | Effective Date |
|---|-------------|----------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
|   |             | №              | Item/ Parameter |                                                                                                                                                                                                                           |      |                |
|   |             | 2              | C               | Carbon and low-alloy steel—Determination of multi-element contents—Spark discharge atomic emission spectrometric method(routine method) GB/T 4336-2016 and Amendment No.1 (National Standard Announcement No. 23 of 2017) |      | 2024-08-29     |
|   |             | 3              | Si              | Carbon and low-alloy steel—Determination of multi-element contents—Spark discharge atomic emission spectrometric method(routine method) GB/T 4336-2016 and Amendment No.1 (National Standard Announcement No. 23 of 2017) |      | 2024-08-29     |
|   |             | 4              | Mn              | Carbon and low-alloy steel—Determination of multi-element contents—Spark discharge atomic emission spectrometric method(routine method) GB/T 4336-2016 and Amendment No.1 (National Standard Announcement No. 23 of 2017) |      | 2024-08-29     |
|   |             | 5              | P               | Carbon and low-alloy steel—Determination of multi-element contents—Spark discharge atomic emission spectrometric method(routine method) GB/T 4336-2016 and Amendment No.1 (National Standard Announcement No. 23 of 2017) |      | 2024-08-29     |
|   |             | 6              | S               | Carbon and low-alloy steel—Determination of multi-element contents—Spark discharge atomic emission spectrometric method(routine method) GB/T 4336-2016 and Amendment No.1 (National Standard Announcement No. 23 of 2017) |      | 2024-08-29     |
|   |             | 7              | Cr              | Carbon and low-alloy steel—Determination of multi-element contents—Spark discharge atomic emission spectrometric method(routine method) GB/T 4336-2016 and Amendment No.1 (National Standard Announcement No. 23 of 2017) |      | 2024-08-29     |
|   |             | 8              | Ni              | Carbon and low-alloy steel—Determination of multi-element contents—Spark discharge atomic emission spectrometric method(routine method) GB/T 4336-2016 and Amendment No.1 (National Standard Announcement No. 23 of 2017) |      | 2024-08-29     |
|   |             | 9              | Mo              | Carbon and low-alloy steel—Determination of multi-element contents—Spark discharge atomic emission spectrometric                                                                                                          |      | 2024-08-29     |



No. CNAS L1527

第 11 页 共 84 页

The scope of the accreditation in Chinese remains the definitive version.

| № | Test Object | Item/Parameter |                              | Standard or Method                                                                                                                                                                                                        | Note | Effective Date |
|---|-------------|----------------|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
|   |             | №              | Item/ Parameter              |                                                                                                                                                                                                                           |      |                |
|   |             |                |                              | method(routine method) GB/T 4336-2016 and Amendment No.1 (National Standard Announcement No. 23 of 2017)                                                                                                                  |      |                |
|   |             | 10             | V                            | Carbon and low-alloy steel—Determination of multi-element contents—Spark discharge atomic emission spectrometric method(routine method) GB/T 4336-2016 and Amendment No.1 (National Standard Announcement No. 23 of 2017) |      | 2024-08-29     |
|   |             | 11             | Al                           | Carbon and low-alloy steel—Determination of multi-element contents—Spark discharge atomic emission spectrometric method(routine method) GB/T 4336-2016 and Amendment No.1 (National Standard Announcement No. 23 of 2017) |      | 2024-08-29     |
|   |             | 12             | Ti                           | Carbon and low-alloy steel—Determination of multi-element contents—Spark discharge atomic emission spectrometric method(routine method) GB/T 4336-2016 and Amendment No.1 (National Standard Announcement No. 23 of 2017) |      | 2024-08-29     |
|   |             | 13             | Cu                           | Carbon and low-alloy steel—Determination of multi-element contents—Spark discharge atomic emission spectrometric method(routine method) GB/T 4336-2016 and Amendment No.1 (National Standard Announcement No. 23 of 2017) |      | 2024-08-29     |
|   |             | 14             | Nb                           | Carbon and low-alloy steel—Determination of multi-element contents—Spark discharge atomic emission spectrometric method(routine method) GB/T 4336-2016 and Amendment No.1 (National Standard Announcement No. 23 of 2017) |      | 2024-08-29     |
|   |             | 15             | Tensile test                 | Metallic materials - Tensile testing - Part 1 : Method of test at room temperature GB/T 228.1-2021                                                                                                                        |      | 2024-08-29     |
|   |             | 16             | Impact test                  | Metallic materials—Charpy pendulum impact test method GB/T 229-2020                                                                                                                                                       |      | 2024-08-29     |
|   |             | 17             | Bending test                 | Metallic materials - Bend test GB/T 232-2010                                                                                                                                                                              |      | 2024-08-29     |
|   |             | 18             | Percentage reduction of area | Steel plate with through-thickness properties GB/T 5313-2023                                                                                                                                                              |      | 2024-08-29     |



| № | Test Object                                   | Item/Parameter |                     | Standard or Method                                                                                                                            | Note             | Effective Date |
|---|-----------------------------------------------|----------------|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------------|
|   |                                               | №              | Item/ Parameter     |                                                                                                                                               |                  |                |
| 8 | Cold rolled stainless steel sheets and plates | 19             | Size and appearance | High strength low alloy structural steels GB/T 1591-2018 9.3                                                                                  |                  | 2024-08-29     |
|   |                                               | 20             | Surface Quality     | High strength low alloy structural steels GB/T 1591-2018 9.3                                                                                  |                  | 2024-08-29     |
|   |                                               | 1              | Part parameters     | Cold rolled stainless steel sheets and plates GB/T 3280 -2015                                                                                 | Except for N, Ce | 2024-08-29     |
|   |                                               | 2              | C                   | Stainless steel-Determination of multi-element contents-Spark discharge atomic emission spectrometric method (Routine method) GB/T 11170-2008 |                  | 2024-08-29     |
|   |                                               | 3              | Si                  | Stainless steel-Determination of multi-element contents-Spark discharge atomic emission spectrometric method (Routine method) GB/T 11170-2008 |                  | 2024-08-29     |
|   |                                               | 4              | Mn                  | Stainless steel-Determination of multi-element contents-Spark discharge atomic emission spectrometric method (Routine method) GB/T 11170-2008 |                  | 2024-08-29     |
|   |                                               | 5              | P                   | Stainless steel-Determination of multi-element contents-Spark discharge atomic emission spectrometric method (Routine method) GB/T 11170-2008 |                  | 2024-08-29     |
|   |                                               | 6              | S                   | Stainless steel-Determination of multi-element contents-Spark discharge atomic emission spectrometric method (Routine method) GB/T 11170-2008 |                  | 2024-08-29     |
|   |                                               | 7              | Cr                  | Stainless steel-Determination of multi-element contents-Spark discharge atomic emission spectrometric method (Routine method) GB/T 11170-2008 |                  | 2024-08-29     |
|   |                                               | 8              | Ni                  | Stainless steel-Determination of multi-element contents-Spark discharge atomic emission spectrometric method (Routine method) GB/T 11170-2008 |                  | 2024-08-29     |
|   |                                               | 9              | Mo                  | Stainless steel-Determination of multi-element contents-Spark discharge atomic emission spectrometric method (Routine method) GB/T 11170-2008 |                  | 2024-08-29     |



No. CNAS L1527

第 13 页 共 84 页

The scope of the accreditation in Chinese remains the definitive version.

| № | Test Object | Item/Parameter |                                                            | Standard or Method                                                                                                                                     | Note                                                                                                         | Effective Date |
|---|-------------|----------------|------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|----------------|
|   |             | №              | Item/ Parameter                                            |                                                                                                                                                        |                                                                                                              |                |
|   |             | 10             | Cu                                                         | Stainless steel-Determination of multi-element contents-Spark discharge atomic emission spectrometric method (Routine method) GB/T 11170-2008          |                                                                                                              | 2024-08-29     |
|   |             | 11             | Nb                                                         | Stainless steel-Determination of multi-element contents-Spark discharge atomic emission spectrometric method (Routine method) GB/T 11170-2008          |                                                                                                              | 2024-08-29     |
|   |             | 12             | Tensile test                                               | Metallic materials - Tensile testing - Part 1 : Method of test at room temperature GB/T 228.1-2021                                                     |                                                                                                              | 2024-08-29     |
|   |             | 13             | Bending test                                               | Metallic materials - Bend test GB/T 232-2010                                                                                                           |                                                                                                              | 2024-08-29     |
|   |             | 14             | Brinell hardness test                                      | Metallic materials - Brinell hardness test - Part 1: Test method GB/T 231.1-2018                                                                       |                                                                                                              | 2024-08-29     |
|   |             | 15             | Rockwell hardness test                                     | Metallic materials-Rockwell hardness test-Part 1:Test method GB/T 230.1-2018                                                                           |                                                                                                              | 2024-08-29     |
|   |             | 16             | Vickers hardness test                                      | Metallic materials—Vickers hardness test—Part 1: Test method GB/T 4340.1-2009                                                                          |                                                                                                              | 2024-08-29     |
|   |             | 17             | Corrosion resistance performance (Intergranular corrosion) | Corrosion of metals and alloys-Test methods for intergranular corrosion of austenitic and ferritic-austenitic (duplex) stainless steels GB/T 4334-2020 | Only:<br>Method E<br>Copper<br>Copper<br>Sulfate -<br>16%<br>Sulfuric<br>Acid<br>Corrosion<br>Test<br>Method | 2024-08-29     |
|   |             | 18             | Size and appearance                                        | Cold rolled stainless steel sheets and plates GB/T 3280-2015 7.3                                                                                       |                                                                                                              | 2024-08-29     |
|   |             | 19             | Surface Quality                                            | Cold rolled stainless steel sheets and plates GB/T 3280 -2015 7                                                                                        |                                                                                                              | 2024-08-29     |



No. CNAS L1527

第 14 页 共 84 页

The scope of the accreditation in Chinese remains the definitive version.

| № | Test Object                                  | Item/Parameter |                 | Standard or Method                                                                                                                            | Note             | Effective Date |
|---|----------------------------------------------|----------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------------|
|   |                                              | №              | Item/ Parameter |                                                                                                                                               |                  |                |
| 9 | Hot rolled stainless steel sheets and plates | 1              | Part parameters | Hot rolled stainless steel sheets and plates GB/T 4237-2015                                                                                   | Except for N, Ce | 2024-08-29     |
|   |                                              | 2              | C               | Stainless steel-Determination of multi-element contents-Spark discharge atomic emission spectrometric method (Routine method) GB/T 11170-2008 |                  | 2024-08-29     |
|   |                                              | 3              | Si              | Stainless steel-Determination of multi-element contents-Spark discharge atomic emission spectrometric method (Routine method) GB/T 11170-2008 |                  | 2024-08-29     |
|   |                                              | 4              | Mn              | Stainless steel-Determination of multi-element contents-Spark discharge atomic emission spectrometric method (Routine method) GB/T 11170-2008 |                  | 2024-08-29     |
|   |                                              | 5              | P               | Stainless steel-Determination of multi-element contents-Spark discharge atomic emission spectrometric method (Routine method) GB/T 11170-2008 |                  | 2024-08-29     |
|   |                                              | 6              | S               | Stainless steel-Determination of multi-element contents-Spark discharge atomic emission spectrometric method (Routine method) GB/T 11170-2008 |                  | 2024-08-29     |
|   |                                              | 7              | Cr              | Stainless steel-Determination of multi-element contents-Spark discharge atomic emission spectrometric method (Routine method) GB/T 11170-2008 |                  | 2024-08-29     |
|   |                                              | 8              | Ni              | Stainless steel-Determination of multi-element contents-Spark discharge atomic emission spectrometric method (Routine method) GB/T 11170-2008 |                  | 2024-08-29     |
|   |                                              | 9              | Mo              | Stainless steel-Determination of multi-element contents-Spark discharge atomic emission spectrometric method (Routine method) GB/T 11170-2008 |                  | 2024-08-29     |
|   |                                              | 10             | Cu              | Stainless steel-Determination of multi-element contents-Spark discharge atomic emission spectrometric method (Routine method) GB/T 11170-2008 |                  | 2024-08-29     |



No. CNAS L1527

第 15 页 共 84 页

The scope of the accreditation in Chinese remains the definitive version.

| № | Test Object | Item/Parameter |                                                            | Standard or Method                                                                                                                                     | Note                                                                                                         | Effective Date |
|---|-------------|----------------|------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|----------------|
|   |             | №              | Item/ Parameter                                            |                                                                                                                                                        |                                                                                                              |                |
|   |             | 11             | Nb                                                         | Stainless steel-Determination of multi-element contents-Spark discharge atomic emission spectrometric method (Routine method) GB/T 11170-2008          |                                                                                                              | 2024-08-29     |
|   |             | 12             | Tensile test                                               | Metallic materials - Tensile testing - Part 1 : Method of test at room temperature GB/T 228.1-2021                                                     |                                                                                                              | 2024-08-29     |
|   |             | 13             | Bending test                                               | Metallic materials - Bend test GB/T 232-2010                                                                                                           |                                                                                                              | 2024-08-29     |
|   |             | 14             | Brinell hardness test                                      | Metallic materials - Brinell hardness test - Part 1: Test method GB/T 231.1-2018                                                                       |                                                                                                              | 2024-08-29     |
|   |             | 15             | Rockwell hardness test                                     | Metallic materials-Rockwell hardness test-Part 1:Test method GB/T 230.1-2018                                                                           |                                                                                                              | 2024-08-29     |
|   |             | 16             | Vickers hardness test                                      | Metallic materials—Vickers hardness test—Part 1: Test method GB/T 4340.1-2009                                                                          |                                                                                                              | 2024-08-29     |
|   |             | 17             | Grain size                                                 | Determination of estimating the average grain size of metal GB/T 6394-2017                                                                             |                                                                                                              | 2024-08-29     |
|   |             | 18             | Size and appearance                                        | Hot rolled stainless steel sheets and plates GB/T 4237-2015 5.3                                                                                        |                                                                                                              | 2024-08-29     |
|   |             | 19             | Surface Quality                                            | Hot rolled stainless steel sheets and plates GB/T 4237-2015 7                                                                                          |                                                                                                              | 2024-08-29     |
|   |             | 20             | Corrosion resistance performance (Intergranular corrosion) | Corrosion of metals and alloys-Test methods for intergranular corrosion of austenitic and ferritic-austenitic (duplex) stainless steels GB/T 4334-2020 | Only:<br>Method E<br>Copper<br>Copper<br>Sulfate -<br>16%<br>Sulfuric<br>Acid<br>Corrosion<br>Test<br>Method | 2024-08-29     |



No. CNAS L1527

第 16 页 共 84 页

The scope of the accreditation in Chinese remains the definitive version.

| №  | Test Object            | Item/Parameter |                 | Standard or Method                                                                                                                                                                                                        | Note                                                                                | Effective Date |
|----|------------------------|----------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------|
|    |                        | №              | Item/ Parameter |                                                                                                                                                                                                                           |                                                                                     |                |
| 10 | Alloy structure steels | 1              | Part parameters | Alloy structure steels GB/T 3077-2015                                                                                                                                                                                     | Except for Hot top forging, tower type, ultrasonic testing, N, B, end hardenability | 2024-08-29     |
|    |                        | 2              | C               | Carbon and low-alloy steel—Determination of multi-element contents—Spark discharge atomic emission spectrometric method(routine method) GB/T 4336-2016 and Amendment No.1 (National Standard Announcement No. 23 of 2017) |                                                                                     | 2024-08-29     |
|    |                        | 3              | Si              | Carbon and low-alloy steel—Determination of multi-element contents—Spark discharge atomic emission spectrometric method(routine method) GB/T 4336-2016 and Amendment No.1 (National Standard Announcement No. 23 of 2017) |                                                                                     | 2024-08-29     |
|    |                        | 4              | Mn              | Carbon and low-alloy steel—Determination of multi-element contents—Spark discharge atomic emission spectrometric method(routine method) GB/T 4336-2016 and Amendment No.1 (National Standard Announcement No. 23 of 2017) |                                                                                     | 2024-08-29     |
|    |                        | 5              | P               | Carbon and low-alloy steel—Determination of multi-element contents—Spark discharge atomic emission spectrometric method(routine method) GB/T 4336-2016 and Amendment No.1 (National Standard Announcement No. 23 of 2017) |                                                                                     | 2024-08-29     |
|    |                        | 6              | S               | Carbon and low-alloy steel—Determination of multi-element contents—Spark discharge atomic emission spectrometric method(routine method) GB/T 4336-2016 and Amendment No.1 (National Standard Announcement No. 23 of 2017) |                                                                                     | 2024-08-29     |
|    |                        | 7              | Cr              | Carbon and low-alloy steel—Determination of multi-element                                                                                                                                                                 |                                                                                     | 2024-08-29     |



No. CNAS L1527

第 17 页 共 84 页

The scope of the accreditation in Chinese remains the definitive version.

| № | Test Object | Item/Parameter |                 | Standard or Method                                                                                                                                                                                                        | Note | Effective Date |
|---|-------------|----------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
|   |             | №              | Item/ Parameter |                                                                                                                                                                                                                           |      |                |
|   |             |                |                 | contents—Spark discharge atomic emission spectrometric method(routine method) GB/T 4336-2016 and Amendment No.1 (National Standard Announcement No. 23 of 2017)                                                           |      |                |
|   |             | 8              | Ni              | Carbon and low-alloy steel—Determination of multi-element contents—Spark discharge atomic emission spectrometric method(routine method) GB/T 4336-2016 and Amendment No.1 (National Standard Announcement No. 23 of 2017) |      | 2024-08-29     |
|   |             | 9              | W               | Carbon and low-alloy steel—Determination of multi-element contents—Spark discharge atomic emission spectrometric method(routine method) GB/T 4336-2016 and Amendment No.1 (National Standard Announcement No. 23 of 2017) |      | 2024-08-29     |
|   |             | 10             | Mo              | Carbon and low-alloy steel—Determination of multi-element contents—Spark discharge atomic emission spectrometric method(routine method) GB/T 4336-2016 and Amendment No.1 (National Standard Announcement No. 23 of 2017) |      | 2024-08-29     |
|   |             | 11             | V               | Carbon and low-alloy steel—Determination of multi-element contents—Spark discharge atomic emission spectrometric method(routine method) GB/T 4336-2016 and Amendment No.1 (National Standard Announcement No. 23 of 2017) |      | 2024-08-29     |
|   |             | 12             | Al              | Carbon and low-alloy steel—Determination of multi-element contents—Spark discharge atomic emission spectrometric method(routine method) GB/T 4336-2016 and Amendment No.1 (National Standard Announcement No. 23 of 2017) |      | 2024-08-29     |
|   |             | 13             | Ti              | Carbon and low-alloy steel—Determination of multi-element contents—Spark discharge atomic emission spectrometric method(routine method) GB/T 4336-2016 and Amendment No.1 (National Standard Announcement No. 23 of 2017) |      | 2024-08-29     |
|   |             | 14             | Tensile test    | Metallic materials - Tensile testing - Part 1 : Method of test at room temperature GB/T 228.1-2021                                                                                                                        |      | 2024-08-29     |



No. CNAS L1527

第 18 页 共 84 页

The scope of the accreditation in Chinese remains the definitive version.

| №  | Test Object                                                                                        | Item/Parameter |                             | Standard or Method                                                                                                                                     | Note                                                                                                                    | Effective Date |
|----|----------------------------------------------------------------------------------------------------|----------------|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|----------------|
|    |                                                                                                    | №              | Item/ Parameter             |                                                                                                                                                        |                                                                                                                         |                |
|    |                                                                                                    | 15             | Impact test                 | Metallic materials—Charpy pendulum impact test method GB/T 229-2020                                                                                    |                                                                                                                         | 2024-08-29     |
|    |                                                                                                    | 16             | Brinell hardness test       | Metallic materials - Brinell hardness test - Part 1: Test method GB/T 231.1-2018                                                                       |                                                                                                                         | 2024-08-29     |
|    |                                                                                                    | 17             | Macrostructure              | Test method for macrostructure and defect of steel by etching GB/T 226-2015                                                                            |                                                                                                                         | 2024-08-29     |
|    |                                                                                                    | 18             | Depth of decarburized layer | Determination of the depth of decarburization of steels GB/T 224-2019                                                                                  |                                                                                                                         | 2024-08-29     |
|    |                                                                                                    | 19             | Grain size                  | Determination of estimating the average grain size of metal GB/T 6394-2017                                                                             |                                                                                                                         | 2024-08-29     |
|    |                                                                                                    | 20             | Non-metallic inclusion      | Determination of content of nonmetallic inclusions in steel- Micrographic method using standard diagrams GB/T 10561-2023                               |                                                                                                                         | 2024-08-29     |
|    |                                                                                                    | 21             | Microstructure              | Inspection method of microstructure for metal GB/T 13298-2015                                                                                          |                                                                                                                         | 2024-08-29     |
|    |                                                                                                    | 22             | Surface Quality             | Alloy structure steels GB/T 3077-2015 7                                                                                                                |                                                                                                                         | 2024-08-29     |
|    |                                                                                                    | 23             | Size and appearance         | Alloy structure steels GB/T 3077-2015 7                                                                                                                |                                                                                                                         | 2024-08-29     |
| 11 | Steel for the reinforcement of concrete. Weldable reinforcing steel. Bar,coil and decoiled product | 1              | Partial parameters          | Steel for the reinforcement of concrete. Weldable reinforcing steel. Bar,coil and decoiled product. Specification AMD 17103:April 30,2007 BS 4449:2005 | Accredited only for C,Si,Mn,P, S,Cr,Ni,Mo ,V,Cu,Tensile strength,Yield strength,Percentage elongation after fracture,Te | 2024-08-29     |



No. CNAS L1527

第 19 页 共 84 页

The scope of the accreditation in Chinese remains the definitive version.

| № | Test Object | Item/Parameter |                 | Standard or Method                                                                                                                                         | Note                                                                 | Effective Date |
|---|-------------|----------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|----------------|
|   |             | №              | Item/ Parameter |                                                                                                                                                            |                                                                      |                |
|   |             |                |                 |                                                                                                                                                            | nsile/yield strength ratio, Dimension, mass per metre and tolerances |                |
|   |             | 2              | C               | Steel for the reinforcement of concrete. Weldable reinforcing steel. Bar,coil and decoiled product. Specification AMD 17103:April 30,2007 BS 4449:2005 7.1 |                                                                      | 2024-08-29     |
|   |             | 3              | Si              | Steel for the reinforcement of concrete. Weldable reinforcing steel. Bar,coil and decoiled product. Specification AMD 17103:April 30,2007 BS 4449:2005 7.1 |                                                                      | 2024-08-29     |
|   |             | 4              | Mn              | Steel for the reinforcement of concrete. Weldable reinforcing steel. Bar,coil and decoiled product. Specification AMD 17103:April 30,2007 BS 4449:2005 7.1 |                                                                      | 2024-08-29     |
|   |             | 5              | P               | Steel for the reinforcement of concrete. Weldable reinforcing steel. Bar,coil and decoiled product. Specification AMD 17103:April 30,2007 BS 4449:2005 7.1 |                                                                      | 2024-08-29     |
|   |             | 6              | S               | Steel for the reinforcement of concrete. Weldable reinforcing steel. Bar,coil and decoiled product. Specification AMD 17103:April 30,2007 BS 4449:2005 7.1 |                                                                      | 2024-08-29     |
|   |             | 7              | Cr              | Steel for the reinforcement of concrete. Weldable reinforcing steel. Bar,coil and decoiled product. Specification AMD 17103:April 30,2007 BS 4449:2005 7.1 |                                                                      | 2024-08-29     |
|   |             | 8              | Ni              | Steel for the reinforcement of concrete. Weldable reinforcing steel. Bar,coil and decoiled product. Specification AMD 17103:April 30,2007 BS 4449:2005 7.1 |                                                                      | 2024-08-29     |
|   |             | 9              | Mo              | Steel for the reinforcement of concrete. Weldable reinforcing steel. Bar,coil and decoiled product. Specification AMD                                      |                                                                      | 2024-08-29     |



No. CNAS L1527

第 20 页 共 84 页

The scope of the accreditation in Chinese remains the definitive version.

| №                  | Test Object            | Item/Parameter |                                         | Standard or Method                                                                                                                                                    | Note                             | Effective Date |
|--------------------|------------------------|----------------|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----------------|
|                    |                        | №              | Item/ Parameter                         |                                                                                                                                                                       |                                  |                |
|                    |                        |                |                                         | 17103:April 30,2007 BS 4449:2005 7.1                                                                                                                                  |                                  |                |
|                    |                        | 10             | V                                       | Steel for the reinforcement of concrete. Weldable reinforcing steel. Bar,coil and decoiled product. Specification AMD 17103:April 30,2007 BS 4449:2005 7.1            |                                  | 2024-08-29     |
|                    |                        | 11             | Cu                                      | Steel for the reinforcement of concrete. Weldable reinforcing steel. Bar,coil and decoiled product. Specification AMD 17103:April 30,2007 BS 4449:2005 7.1            |                                  | 2024-08-29     |
|                    |                        | 12             | Tensile strength                        | Steel for the reinforcement of concrete. Weldable reinforcing steel. Bar,coil and decoiled product. Specification AMD 17103:April 30,2007 BS 4449:2005 7.2.3          |                                  | 2024-08-29     |
|                    |                        | 13             | Yield strength                          | Steel for the reinforcement of concrete. Weldable reinforcing steel. Bar,coil and decoiled product. Specification AMD 17103:April 30,2007 BS 4449:2005 7.2.3          |                                  | 2024-08-29     |
|                    |                        | 14             | Percentage elongation after fracture    | Steel for the reinforcement of concrete. Weldable reinforcing steel. Bar,coil and decoiled product. Specification AMD 17103:April 30,2007 BS 4449:2005 7.2.3          |                                  | 2024-08-29     |
|                    |                        | 15             | Tensile/yield strength ratio            | Steel for the reinforcement of concrete. Weldable reinforcing steel. Bar,coil and decoiled product. Specification AMD 17103:April 30,2007 BS 4449:2005 7.2.3          |                                  | 2024-08-29     |
|                    |                        | 16             | Bend performance                        | Steel for the reinforcement of concrete. Weldable reinforcing steel. Bar,coil and decoiled product. Specification AMD 17103:April 30,2007 BS 4449:2005 7.2.5          |                                  | 2024-08-29     |
|                    |                        | 17             | Dimension,mass per metre and tolerances | Steel for the reinforcement of concrete. Weldable reinforcing steel. Bar,coil and decoiled product. Specification AMD 17103:April 30,2007 BS 4449:2005 7.3            |                                  | 2024-08-29     |
| 4、asteners Product |                        |                |                                         |                                                                                                                                                                       |                                  |                |
| 1                  | Bolts,screws and studs | 1              | Partial parameters                      | Mechanical properties of fasteners made of carbon steel and alloy steel. Part 1: Bolts,screws and studs with specified property classes. Coarse thread ISO 898-1:2013 | Accredited only for Tensile test | 2024-08-29     |

No. CNAS L1527

第 21 页 共 84 页



The scope of the accreditation in Chinese remains the definitive version.

| № | Test Object | Item/Parameter |                 | Standard or Method | Note                                                                                                                                                                                                                                                                                        | Effective Date |
|---|-------------|----------------|-----------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
|   |             | №              | Item/ Parameter |                    |                                                                                                                                                                                                                                                                                             |                |
|   |             |                |                 |                    | under wedge loading of finished bolts and screws,Ten sile test for finished bolts, screws and studs for determinati on of tensile strength,Pr oof load test for finished bolts, screws and studs,Tensil e test for machined test pieces,Hard ness test,Impact test for machined test pieces |                |

CHINA NATIONAL ACCREDITATION SERVICE FOR CONFORMITY ASSESSMENT  
SCHEDULE OF ACCREDITATION CERTIFICATE



No. CNAS L1527

The scope of the accreditation in Chinese remains the definitive version.

| № | Test Object | Item/Parameter |                                                                                         | Standard or Method                                                                                                                                                          | Note | Effective Date |
|---|-------------|----------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
|   |             | №              | Item/ Parameter                                                                         |                                                                                                                                                                             |      |                |
|   |             | 2              | Tensile test under wedge loading of finished bolts and screws                           | Mechanical properties of fasteners made of carbon steel and alloy steel. Part 1: Bolts, screws and studs with specified property classes. Coarse thread ISO 898-1:2013 9.1  |      | 2024-08-29     |
|   |             | 3              | Tensile test for finished bolts, screws and studs for determination of tensile strength | Mechanical properties of fasteners made of carbon steel and alloy steel. Part 1: Bolts, screws and studs with specified property classes. Coarse thread ISO 898-1:2013 9.2  |      | 2024-08-29     |
|   |             | 4              | Proof load test for finished bolts, screws and studs                                    | Mechanical properties of fasteners made of carbon steel and alloy steel. Part 1: Bolts, screws and studs with specified property classes. Coarse thread ISO 898-1:2013 9.6  |      | 2024-08-29     |
|   |             | 5              | Tensile strength                                                                        | Mechanical properties of fasteners made of carbon steel and alloy steel. Part 1: Bolts, screws and studs with specified property classes. Coarse thread ISO 898-1:2013 9.7  |      | 2024-08-29     |
|   |             | 6              | Yield strength                                                                          | Mechanical properties of fasteners made of carbon steel and alloy steel. Part 1: Bolts, screws and studs with specified property classes. Coarse thread ISO 898-1:2013 9.7  |      | 2024-08-29     |
|   |             | 7              | Percentage elongation after fracture                                                    | Mechanical properties of fasteners made of carbon steel and alloy steel. Part 1: Bolts, screws and studs with specified property classes. Coarse thread ISO 898-1:2013 9.7  |      | 2024-08-29     |
|   |             | 8              | Percentage reduction of area after fracture                                             | Mechanical properties of fasteners made of carbon steel and alloy steel. Part 1: Bolts, screws and studs with specified property classes. Coarse thread ISO 898-1:2013 9.7  |      | 2024-08-29     |
|   |             | 9              | Hardness test                                                                           | Mechanical properties of fasteners made of carbon steel and alloy steel. Part 1: Bolts, screws and studs with specified property classes. Coarse thread ISO 898-1:2013 9.9  |      | 2024-08-29     |
|   |             | 10             | Impact test for machined test pieces                                                    | Mechanical properties of fasteners made of carbon steel and alloy steel. Part 1: Bolts, screws and studs with specified property classes. Coarse thread ISO 898-1:2013 9.14 |      | 2024-08-29     |



No. CNAS L1527

第 23 页 共 84 页

The scope of the accreditation in Chinese remains the definitive version.

| №                  | Test Object                                                               | Item/Parameter |                                        | Standard or Method                                                                                                                                                                                         | Note                                                                              | Effective Date |
|--------------------|---------------------------------------------------------------------------|----------------|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------|
|                    |                                                                           | №              | Item/ Parameter                        |                                                                                                                                                                                                            |                                                                                   |                |
| 5、Welding products |                                                                           |                |                                        |                                                                                                                                                                                                            |                                                                                   |                |
| 1                  | Welding products                                                          | 1              | Hardness test of welding point         | Destructive tests on welds in metallic materials. Hardness testing. Part 1:Hardness test on arc welded joints first edition ISO 9015-1:2001                                                                |                                                                                   | 2024-08-29     |
|                    |                                                                           | 2              | Microhardness test of welded joint     | Destructive tests on welds in metallic materials. Hardness testing. Part 2:Microhardness testing of welded joints ISO 9015-2:2016                                                                          |                                                                                   | 2024-08-29     |
|                    |                                                                           | 3              | Visual testing of fusion-welded joints | Non-destructive testing of welds. Visual testing of fusion-welded joints ISO 17637:2016                                                                                                                    |                                                                                   | 2024-08-29     |
| 2                  | Arc and gas welding of steels and arc welding of nickel and nickel alloys | 1              | Partial parameters                     | Specification and qualification of welding procedures for metallic materials - Welding procedure test - Part 1: Arc and gas welding of steels and arc welding of nickel and nickel alloys ISO 15614-1:2017 | Accredited only for hardness testing.                                             | 2024-08-29     |
|                    |                                                                           | 2              | Hardness testing                       | Destructive tests on welds in metallic materials. Hardness testing. Part 1:Hardness test on arc welded joints first edition ISO 9015-1:2001                                                                |                                                                                   | 2024-08-29     |
| 3                  | Welding of tubes to tube-plate joints                                     | 1              | Partial parameters                     | Specification and qualification of welding procedures for metallic materials. Welding procedure test. Part 8:Welding of tubes to tube-plate joints ISO 15614-8:2016                                        | Accredited only for Hardness test.                                                | 2024-08-29     |
|                    |                                                                           | 2              | Hardness test                          | Destructive tests on welds in metallic materials-Hardness testing. Part 1:Hardness test on arc welded joints ISO 9015-1:2001                                                                               |                                                                                   | 2024-08-29     |
| 4                  | Welding Of Steel Structures                                               | 1              | Partial parameters                     | Structural Welding Code—Steel (24Th Edition) AWS D1.1/D1.1M:2020                                                                                                                                           | Accredited only for Visual Inspection, Root, Face, and Side Bend test, Longitudin | 2024-08-29     |



| № | Test Object | Item/Parameter |                                | Standard or Method                                                        | Note                                                                                                                                                                     | Effective Date |
|---|-------------|----------------|--------------------------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
|   |             | №              | Item/ Parameter                |                                                                           |                                                                                                                                                                          |                |
|   |             |                |                                |                                                                           | al Bend test, Reduced-Section Tension Test, All-Weld-Metal Tension Test, Macroetch Test, Fillet Weld Break Test, CVN tests, Macroetch Test for T-, Y-, and K-Connections |                |
|   |             | 2              | Visual Inspection              | Structural Welding Code—Steel (24Th Edition) AWS D1.1/D1.1M:2020 6.23.1   |                                                                                                                                                                          | 2024-08-29     |
|   |             | 3              | Root, Face, and Side Bend test | Structural Welding Code—Steel (24Th Edition) AWS D1.1/D1.1M:2020 6.23.5   |                                                                                                                                                                          | 2024-08-29     |
|   |             | 4              | Longitudinal Bend test         | Structural Welding Code—Steel (24Th Edition) AWS D1.1/D1.1M:2020 6.10.3.2 |                                                                                                                                                                          | 2024-08-29     |
|   |             | 5              | Reduced-Section Tension Test   | Structural Welding Code—Steel (24Th Edition) AWS D1.1/D1.1M:2020 6.10.3.4 |                                                                                                                                                                          | 2024-08-29     |
|   |             | 6              | All-Weld-Metal Tension Test    | Structural Welding Code—Steel (24Th Edition) AWS D1.1/D1.1M:2020 6.10.3.6 |                                                                                                                                                                          | 2024-08-29     |



No. CNAS L1527

第 25 页 共 84 页

The scope of the accreditation in Chinese remains the definitive version.

| №                 | Test Object    | Item/Parameter |                                              | Standard or Method                                                                                                                                                                          | Note                                               | Effective Date |
|-------------------|----------------|----------------|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|----------------|
|                   |                | №              | Item/ Parameter                              |                                                                                                                                                                                             |                                                    |                |
|                   |                | 7              | Macroetch Test                               | Structural Welding Code—Steel (24Th Edition) AWS D1.1/D1.1M:2020 6.23.2                                                                                                                     |                                                    | 2024-08-29     |
|                   |                | 8              | Fillet Weld Break Test                       | Structural Welding Code—Steel (24Th Edition) AWS D1.1/D1.1M:2020 6.23.4                                                                                                                     |                                                    | 2024-08-29     |
|                   |                | 9              | CVN tests                                    | Structural Welding Code—Steel (24Th Edition) AWS D1.1/D1.1M:2020 6.27                                                                                                                       |                                                    | 2024-08-29     |
|                   |                | 10             | Macroetch Test for T-, Y-, and K-Connections | Structural Welding Code—Steel (24Th Edition) AWS D1.1/D1.1M:2020 10.21.1                                                                                                                    |                                                    | 2024-08-29     |
| 二、 glass products |                |                |                                              |                                                                                                                                                                                             |                                                    |                |
| 6、 glass products |                |                |                                              |                                                                                                                                                                                             |                                                    |                |
| 1                 | glass products | 1              | light transmittance                          | Test methods of safety glazing materials used on road vehicles Part 2:optical properties tests GB/T 5137.2-2020 5                                                                           |                                                    | 2024-08-29     |
|                   |                |                |                                              | Glass in building—Determination of light transmittance,solar direct transmittance,total solar energy transmittance,ultraviolet transmittance and related glazing factors GB/T 2680-2021 5.1 |                                                    | 2024-08-29     |
|                   |                |                |                                              | Test methods of safety glazing materials used on road vehicles Part 2:optical properties tests GB/T 5137.2-2002 4                                                                           | Expired standards, only applicable when referenced | 2024-08-29     |
|                   |                | 2              | light reflectance                            | Test methods of safety glazing materials used on road vehicles Part 2:optical properties tests GB/T 5137.2-2020 8                                                                           | Accredited only for spectrophotometer method       | 2024-08-29     |
|                   |                |                |                                              | Glass in building—Determination of light transmittance,solar direct transmittance,total solar energy transmittance,ultraviolet                                                              |                                                    | 2024-08-29     |



No. CNAS L1527

The scope of the accreditation in Chinese remains the definitive version.

| № | Test Object | Item/Parameter |                               | Standard or Method                                                                                                                                                                           | Note                                                                                             | Effective Date |
|---|-------------|----------------|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|----------------|
|   |             | №              | Item/ Parameter               |                                                                                                                                                                                              |                                                                                                  |                |
|   |             |                |                               | transmittance and related glazing factors GB/T 2680-2021 5.2                                                                                                                                 |                                                                                                  |                |
|   |             |                |                               | Test methods of safety glazing materials used on road vehicles Part 2:optical properties tests GB/T 5137.2-2002 9                                                                            | Expired standards, only applicable when referenced, Accredited only for spectrophotometer method | 2024-08-29     |
|   |             | 3              | solar direct transmittance    | Glass in building—Determination of light transmittance,solar direct transmittance,total solar energy transmittance,ultraviolet transmittance and related glazing factors GB/T 2680-2021 5.4  |                                                                                                  | 2024-08-29     |
|   |             | 4              | solar direct reflectance      | Glass in building—Determination of light transmittance,solar direct transmittance,total solar energy transmittance,ultraviolet transmittance and related glazing factors GB/T 2680-2021 5.5  |                                                                                                  | 2024-08-29     |
|   |             | 5              | solar direct absorption ratio | Glass in building—Determination of light transmittance,solar direct transmittance,total solar energy transmittance,ultraviolet transmittance and related glazing factors GB/T 2680-2021 5.6  |                                                                                                  | 2024-08-29     |
|   |             | 6              | solar energy transmittance    | Glass in building—Determination of light transmittance,solar direct transmittance,total solar energy transmittance,ultraviolet transmittance and related glazing factors GB/T 2680-2021 5.7  |                                                                                                  | 2024-08-29     |
|   |             | 7              | ultraviolet transmittance     | Glass in building—Determination of light transmittance,solar direct transmittance,total solar energy transmittance,ultraviolet transmittance and related glazing factors GB/T 2680-2021 5.11 |                                                                                                  | 2024-08-29     |
|   |             | 8              | emissivity                    | Glass in building—Determination of light transmittance,solar direct transmittance,total solar energy transmittance,ultraviolet transmittance and related glazing factors GB/T 2680-2021 5.12 |                                                                                                  | 2024-08-29     |



No. CNAS L1527

第 27 页 共 84 页

The scope of the accreditation in Chinese remains the definitive version.

| № | Test Object    | Item/Parameter |                              | Standard or Method                                                                                                                                                                          | Note                                               | Effective Date |
|---|----------------|----------------|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|----------------|
|   |                | №              | Item/ Parameter              |                                                                                                                                                                                             |                                                    |                |
|   |                | 9              | shading coefficient          | Glass in building—Determination of light transmittance,solar direct transmittance,total solar energy transmittance,ultraviolet transmittance and related glazing factors GB/T 2680-2021 5.9 |                                                    | 2024-08-29     |
|   |                | 10             | thermal transmittance        | Test method for thermal insulating performance for building exterior doors and windows GB/T 8484-2020 Appendix E                                                                            |                                                    | 2024-08-29     |
|   |                |                |                              | Calculation and determination of steady-state U values(thermal transmittance) of multiple glazing GB/T 22476-2008 5                                                                         | Accredited only for calculator method              | 2024-08-29     |
|   |                | 11             | Resistance to humidity test  | Test methods of safety glazing materials used on road vehicles Part 3: radiation , high temperature, humidity , fire and simulated weathering resistance tests GB/T 5137.3-2020 7           |                                                    | 2024-08-29     |
|   |                |                |                              | Test methods of safety glazing materials used on road vehicles Part 3: radiation , high temperature, humidity , fire and simulated weathering resistance tests GB/T 5137.3-2002 7           | Expired standards, only applicable when referenced | 2024-08-29     |
|   |                | 12             | Surface Stress               | Test method for measurement of stress in glass GB/T 18144-2008 4.1                                                                                                                          |                                                    | 2024-08-29     |
|   |                | 13             | Chromatic Aberration         | Test method of chroma for colour building materials GB/T 11942-2022 8.4                                                                                                                     |                                                    | 2024-08-29     |
|   |                | 14             | Resistance to radiation test | Test methods of safety glazing materials used on road vehicles Part 3: radiation , high temperature, humidity , fire and simulated weathering resistance tests GB/T 5137.3-2002 5           | Expired standards, only applicable when referenced | 2024-08-29     |
| 2 | Tempered glass |                | All Parameters               | Safety glazing materials in building—Part 2: Tempered glass GB 15763.2-2005                                                                                                                 |                                                    | 2024-08-29     |



No. CNAS L1527

第 28 页 共 84 页

The scope of the accreditation in Chinese remains the definitive version.

| № | Test Object     | Item/Parameter |                                | Standard or Method                                                                 | Note                                         | Effective Date |
|---|-----------------|----------------|--------------------------------|------------------------------------------------------------------------------------|----------------------------------------------|----------------|
|   |                 | №              | Item/ Parameter                |                                                                                    |                                              |                |
|   |                 | 1              | Dimensional tolerance          | Safety glazing materials in building—Part 2:Tempered glass GB 15763.2-2005 6.1     |                                              | 2024-08-29     |
|   |                 | 2              | Thickness tolerance            | Safety glazing materials in building—Part 2:Tempered glass GB 15763.2-2005 6.2     |                                              | 2024-08-29     |
|   |                 | 3              | Appearance                     | Safety glazing materials in building—Part 2:Tempered glass GB 15763.2-2005 6.3     |                                              | 2024-08-29     |
|   |                 | 4              | Curvature                      | Safety glazing materials in building—Part 2:Tempered glass GB 15763.2-2005 6.4     |                                              | 2024-08-29     |
|   |                 | 5              | impact resistance              | Safety glazing materials in building—Part 2:Tempered glass GB 15763.2-2005 6.5     |                                              | 2024-08-29     |
|   |                 | 6              | Shard state                    | Safety glazing materials in building—Part 2:Tempered glass GB 15763.2-2005 6.6     |                                              | 2024-08-29     |
|   |                 | 7              | Shotgun bag impact performance | Safety glazing materials in building—Part 2:Tempered glass GB 15763.2-2005 6.7     |                                              | 2024-08-29     |
|   |                 | 8              | Surface Stress                 | Safety glazing materials in building—Part 2:Tempered glass GB 15763.2-2005 6.8     |                                              | 2024-08-29     |
|   |                 | 9              | resistance to thermal shock    | Safety glazing materials in building—Part 2:Tempered glass GB 15763.2-2005 6.9     |                                              | 2024-08-29     |
| 3 | Laminated glass | 1              | Part parameters                | Safety glazing materials in building - Part 3: Laminated glass GB 15763.3-2009     | Except for wind load resistance performance. | 2024-08-29     |
|   |                 | 2              | Appearance                     | Safety glazing materials in building - Part 3: Laminated glass GB 15763.3-2009 7.2 |                                              | 2024-08-29     |
|   |                 | 3              | Dimensional tolerance          | Safety glazing materials in building - Part 3: Laminated glass GB 15763.3-2009 7.3 |                                              | 2024-08-29     |
|   |                 | 4              | Curvature                      | Safety glazing materials in building - Part 3: Laminated glass GB 15763.3-2009 7.4 |                                              | 2024-08-29     |



| № | Test Object           | Item/Parameter |                                      | Standard or Method                                                                                                                                                                 | Note                                                  | Effective Date |
|---|-----------------------|----------------|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|----------------|
|   |                       | №              | Item/ Parameter                      |                                                                                                                                                                                    |                                                       |                |
|   |                       | 5              | light transmittance                  | Test methods of safety glazing materials used on road vehicles<br>Part 2:optical properties tests GB/T 5137.2-2002 4                                                               | Expired standards,<br>only applicable when referenced | 2024-08-29     |
|   |                       | 6              | light reflectance                    | Test methods of safety glazing materials used on road vehicles<br>Part 2:optical properties tests GB/T5137.2-2002 9                                                                | Expired standards,<br>only applicable when referenced | 2024-08-29     |
|   |                       | 7              | resistance to high temperature       | Safety glazing materials in building - Part 3: Laminated glass GB 15763.3-2009 7.8                                                                                                 |                                                       | 2024-08-29     |
|   |                       | 8              | resistance to humidity               | Test methods of safety glazing materials used on road vehicles<br>Part 3:radiation , high temperature, humidity , fire and simulated weathering resistance tests GB/T5137.3-2002 7 | Expired standards,<br>only applicable when referenced | 2024-08-29     |
|   |                       | 9              | resistance to radiation              | Safety glazing materials in building - Part 3: Laminated glass GB 15763.3-2009 7.10                                                                                                |                                                       | 2024-08-29     |
|   |                       | 10             | Falling ball impact peel performance | Safety glazing materials in building - Part 3: Laminated glass GB 15763.3-2009 7.11                                                                                                |                                                       | 2024-08-29     |
|   |                       | 11             | Shotgun bag impact performance       | Safety glazing materials in building - Part 3: Laminated glass GB 15763.3-2009 7.12                                                                                                |                                                       | 2024-08-29     |
| 4 | Insulating glass unit |                | Part Parameters                      | Insulating glass unit GB/T 11944-2012                                                                                                                                              | Except for edge sealing and adhesive                  | 2024-08-29     |



No. CNAS L1527

第 30 页 共 84 页

The scope of the accreditation in Chinese remains the definitive version.

| № | Test Object | Item/Parameter |                          | Standard or Method                        | Note                                                                                                                                                                                                                                                                                                                                                      | Effective Date |
|---|-------------|----------------|--------------------------|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
|   |             | №              | Item/ Parameter          |                                           |                                                                                                                                                                                                                                                                                                                                                           |                |
|   |             |                |                          |                                           | performanc<br>e of<br>Appendix<br>B, edge<br>sealing<br>material<br>water vapor<br>permeabilit<br>y of<br>Appendix<br>C , Gas<br>seal<br>durability<br>filled with<br>inert gas in<br>hollow<br>spacer,<br>Water<br>vapor seal<br>durability<br>of<br>insulating<br>glass with<br>composite<br>material<br>spacer and<br>composite<br>adhesive<br>spacer. |                |
|   |             | 1              | Dimensional<br>deviation | Insulating glass unit GB/T 11944-2012 7.1 |                                                                                                                                                                                                                                                                                                                                                           | 2024-08-29     |

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No. CNAS L1527

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| № | Test Object | Item/Parameter |                                          | Standard or Method                                                                                                | Note                                            | Effective Date |
|---|-------------|----------------|------------------------------------------|-------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|----------------|
|   |             | №              | Item/ Parameter                          |                                                                                                                   |                                                 |                |
|   |             | 2              | Appearance                               | Insulating glass unit GB/T 11944-2012 7.2                                                                         |                                                 | 2024-08-29     |
|   |             | 3              | Dew point                                | Insulating glass unit GB/T 11944-2012 7.3                                                                         |                                                 | 2024-08-29     |
|   |             | 4              | ultra-violet resistance                  | Insulating glass unit GB/T 11944-2012 7.4                                                                         |                                                 | 2024-08-29     |
|   |             | 5              | Water vapor seal durability              | Insulating glass unit GB/T 11944-2012 7.5                                                                         |                                                 | 2024-08-29     |
|   |             | 6              | Initial gas Content                      | Insulating glass unit GB/T 11944-2012 7.6                                                                         |                                                 | 2024-08-29     |
|   |             | 7              | Gas seal durability                      | Insulating glass unit GB/T 11944-2012 7.7                                                                         |                                                 | 2024-08-29     |
|   |             | 8              | U values                                 | Calculation and determination of steady-state U values(thermal transmittance) of multiple glazing GB/T 22476-2008 |                                                 | 2024-08-29     |
| 5 | Panel glass |                | Part Parameters                          | Panel glass JC/T 979-2005                                                                                         | Except for Climate cycle durability performance | 2024-08-29     |
|   |             | 1              | Appearance                               | Panel glass JC/T 979-2005 6.1                                                                                     |                                                 | 2024-08-29     |
|   |             | 2              | Dimensional deviation                    | Panel glass JC/T 979-2005 6.2                                                                                     |                                                 | 2024-08-29     |
|   |             | 3              | ultra-violet resistance                  | Panel glass JC/T 979-2005 6.3                                                                                     |                                                 | 2024-08-29     |
|   |             | 4              | Dew point                                | Panel glass JC/T 979-2005 6.4                                                                                     |                                                 | 2024-08-29     |
|   |             | 5              | High temperature and humidity durability | Panel glass JC/T 979-2005 6.5                                                                                     |                                                 | 2024-08-29     |



No. CNAS L1527

第 32 页 共 84 页

The scope of the accreditation in Chinese remains the definitive version.

| № | Test Object                | Item/Parameter |                                                                    | Standard or Method                                                   | Note             | Effective Date |
|---|----------------------------|----------------|--------------------------------------------------------------------|----------------------------------------------------------------------|------------------|----------------|
|   |                            | №              | Item/ Parameter                                                    |                                                                      |                  |                |
| 6 | Flat glass                 |                | Part Parameters                                                    | Flat glass GB 11614-2022                                             | Except for bloom | 2024-08-29     |
|   |                            | 1              | Dimensional deviation                                              | Flat glass GB 11614-2022 6.1                                         |                  | 2024-08-29     |
|   |                            | 2              | Diagonal difference                                                | Flat glass GB 11614-2022 6.2                                         |                  | 2024-08-29     |
|   |                            | 3              | Thickness deviation and Poor thickness                             | Flat glass GB 11614-2022 6.3                                         |                  | 2024-08-29     |
|   |                            | 4              | Thickness Wedge                                                    | Flat glass GB 11614-2022 6.4                                         |                  | 2024-08-29     |
|   |                            | 5              | Appearance                                                         | Flat glass GB 11614-2022 6.5                                         |                  | 2024-08-29     |
|   |                            | 6              | Curvature                                                          | Flat glass GB 11614-2022 6.6                                         |                  | 2024-08-29     |
|   |                            | 7              | Optical properties                                                 | Flat glass GB 11614-2022 6.8                                         |                  | 2024-08-29     |
|   |                            | 8              | Color uniformity                                                   | Flat glass GB 11614-2022 6.9                                         |                  | 2024-08-29     |
| 7 | solar control coated glass |                | All Parameters                                                     | Coated glass-Part 1:solar control coated glass GB/T 18915.1-2013     |                  | 2024-08-29     |
|   |                            | 1              | Dimensional deviation, thickness deviation and diagonal difference | Flat glass GB 11614-2022                                             |                  | 2024-08-29     |
|   |                            | 2              | Curvature                                                          | Coated glass-Part 1:solar control coated glass GB/T 18915.1-2013 6.2 |                  | 2024-08-29     |
|   |                            | 3              | Appearance                                                         | Coated glass-Part 1:solar control coated glass GB/T 18915.1-2013 6.3 |                  | 2024-08-29     |
|   |                            | 4              | Optical properties                                                 | Coated glass-Part 1:solar control coated glass GB/T 18915.1-2013 6.4 |                  | 2024-08-29     |



No. CNAS L1527

第 33 页 共 84 页

The scope of the accreditation in Chinese remains the definitive version.

| № | Test Object                 | Item/Parameter |                                                                    | Standard or Method                                                    | Note | Effective Date |
|---|-----------------------------|----------------|--------------------------------------------------------------------|-----------------------------------------------------------------------|------|----------------|
|   |                             | №              | Item/ Parameter                                                    |                                                                       |      |                |
|   |                             | 5              | Color uniformity                                                   | Coated glass-Part 1:solar control coated glass GB/T 18915.1-2013 6.5  |      | 2024-08-29     |
|   |                             | 6              | resistance to abrasion                                             | Coated glass-Part 1:solar control coated glass GB/T 18915.1-2013 6.6  |      | 2024-08-29     |
|   |                             | 7              | Resistance to acid                                                 | Coated glass-Part 1:solar control coated glass GB/T 18915.1-2013 6.7  |      | 2024-08-29     |
|   |                             | 8              | Resistance to alkalis                                              | Coated glass-Part 1:solar control coated glass GB/T 18915.1-2013 6.8  |      | 2024-08-29     |
| 8 | Low emissivity coated glass |                | All Parameters                                                     | Coated glass-Part 2:Low emissivity coated glass GB/T 18915.2-2013     |      | 2024-08-29     |
|   |                             | 1              | Dimensional deviation, thickness deviation and diagonal difference | Flat glass GB 11614-2022                                              |      | 2024-08-29     |
|   |                             | 2              | Curvature                                                          | Coated glass-Part 2:Low emissivity coated glass GB/T 18915.2-2013 6.2 |      | 2024-08-29     |
|   |                             | 3              | Appearance                                                         | Coated glass-Part 2:Low emissivity coated glass GB/T 18915.2-2013 6.3 |      | 2024-08-29     |
|   |                             | 4              | Optical properties                                                 | Coated glass-Part 2:Low emissivity coated glass GB/T 18915.2-2013 6.4 |      | 2024-08-29     |
|   |                             | 5              | Color uniformity                                                   | Coated glass-Part 2:Low emissivity coated glass GB/T 18915.2-2013 6.5 |      | 2024-08-29     |
|   |                             | 6              | emissivity                                                         | Coated glass-Part 2:Low emissivity coated glass GB/T 18915.2-2013 6.6 |      | 2024-08-29     |
|   |                             | 7              | resistance to abrasion                                             | Coated glass-Part 2:Low emissivity coated glass GB/T 18915.2-2013 6.7 |      | 2024-08-29     |
|   |                             | 8              | Resistance to acid                                                 | Coated glass-Part 2:Low emissivity coated glass GB/T 18915.2-2013 6.8 |      | 2024-08-29     |
|   |                             | 9              | Resistance to alkalis                                              | Coated glass-Part 2:Low emissivity coated glass GB/T 18915.2-2013 6.9 |      | 2024-08-29     |



No. CNAS L1527

第 34 页 共 84 页

The scope of the accreditation in Chinese remains the definitive version.

| №  | Test Object                   | Item/Parameter |                                   | Standard or Method                              | Note                                                                              | Effective Date |
|----|-------------------------------|----------------|-----------------------------------|-------------------------------------------------|-----------------------------------------------------------------------------------|----------------|
|    |                               | №              | Item/ Parameter                   |                                                 |                                                                                   |                |
| 9  | Patterned glass               |                | All Parameters                    | Patterned glass JC/T 511-2002                   |                                                                                   | 2024-08-29     |
|    |                               | 1              | Dimensional deviation             | Patterned glass JC/T 511-2002 6.1               |                                                                                   | 2024-08-29     |
|    |                               | 2              | Diagonal difference               | Patterned glass JC/T 511-2002 6.2               |                                                                                   | 2024-08-29     |
|    |                               | 3              | Thickness deviation               | Patterned glass JC/T 511-2002 6.3               |                                                                                   | 2024-08-29     |
|    |                               | 4              | Curvature                         | Patterned glass JC/T 511-2002 6.4.3             |                                                                                   | 2024-08-29     |
|    |                               | 5              | Appearance                        | Patterned glass JC/T 511-2002 6.4.1,6.4.2       |                                                                                   | 2024-08-29     |
| 10 | Chemically strengthened glass |                | Part of Parameters                | Chemically strengthened glass JC/T 977-2005     | Except for the thickness of compressive stress, surface stress, impact resistance | 2024-08-29     |
|    |                               | 1              | Thickness tolerance               | Chemically strengthened glass JC/T 977-2005 6.1 |                                                                                   | 2024-08-29     |
|    |                               | 2              | Dimensional tolerance             | Chemically strengthened glass JC/T 977-2005 6.2 |                                                                                   | 2024-08-29     |
|    |                               | 3              | Diagonal difference               | Chemically strengthened glass JC/T 977-2005 6.3 |                                                                                   | 2024-08-29     |
|    |                               | 4              | Appearance                        | Flat glass GB 11614-1999 5.3                    |                                                                                   | 2024-08-29     |
|    |                               | 5              | Quality of edge and circular hole | Chemically strengthened glass JC/T 977-2005 6.5 |                                                                                   | 2024-08-29     |



No. CNAS L1527

The scope of the accreditation in Chinese remains the definitive version.

| №  | Test Object                          | Item/Parameter |                             | Standard or Method                                                                                  | Note | Effective Date |
|----|--------------------------------------|----------------|-----------------------------|-----------------------------------------------------------------------------------------------------|------|----------------|
|    |                                      | №              | Item/ Parameter             |                                                                                                     |      |                |
|    |                                      |                | processing                  |                                                                                                     |      |                |
|    |                                      | 6              | Curvature                   | Chemically strengthened glass JC/T 977-2005 6.6                                                     |      | 2024-08-29     |
|    |                                      | 7              | bending strength            | Chemically strengthened glass JC/T 977-2005 Appendix A                                              |      | 2024-08-29     |
|    |                                      | 8              | resistance to thermal shock | Chemically strengthened glass JC/T 977-2005 6.8                                                     |      | 2024-08-29     |
| 11 | Heat strengthened glass              |                | All Parameters              | Heat strengthened glass GB/T 17841-2008                                                             |      | 2024-08-29     |
|    |                                      | 1              | Thickness tolerance         | Heat strengthened glass GB/T 17841-2008 7.1                                                         |      | 2024-08-29     |
|    |                                      | 2              | Dimensional tolerance       | Heat strengthened glass GB/T 17841-2008 7.2                                                         |      | 2024-08-29     |
|    |                                      | 3              | Diagonal difference         | Heat strengthened glass GB/T 17841-2008 7.3                                                         |      | 2024-08-29     |
|    |                                      | 4              | Appearance                  | Heat strengthened glass GB/T 17841-2008 7.4                                                         |      | 2024-08-29     |
|    |                                      | 5              | Curvature                   | Heat strengthened glass GB/T 17841-2008 7.5                                                         |      | 2024-08-29     |
|    |                                      | 6              | bending strength            | Heat strengthened glass GB/T 17841-2008 Appendix A                                                  |      | 2024-08-29     |
|    |                                      | 7              | Surface Stress              | Heat strengthened glass GB/T 17841-2008 7.7                                                         |      | 2024-08-29     |
|    |                                      | 8              | Shard state                 | Heat strengthened glass GB/T 17841-2008 7.8                                                         |      | 2024-08-29     |
| 12 | Heat soaked thermally tempered glass |                | All Parameters              | Safety glazing materials in building - Part 4: Heat soaked thermally tempered glass GB 15763.4-2009 |      | 2024-08-29     |
|    |                                      | 1              | Dimensional tolerance       | Safety glazing materials in building—Part 2: Tempered glass GB 15763.2-2005 6.1                     |      | 2024-08-29     |



No. CNAS L1527

第 36 页 共 84 页

The scope of the accreditation in Chinese remains the definitive version.

| №  | Test Object                                      | Item/Parameter |                                | Standard or Method                                                                                             | Note                                                                                                                       | Effective Date |
|----|--------------------------------------------------|----------------|--------------------------------|----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|----------------|
|    |                                                  | №              | Item/ Parameter                |                                                                                                                |                                                                                                                            |                |
|    |                                                  | 2              | Thickness tolerance            | Safety glazing materials in building—Part 2:Tempered glass GB 15763.2-2005 6.2                                 |                                                                                                                            | 2024-08-29     |
|    |                                                  | 3              | Appearance                     | Safety glazing materials in building—Part 2:Tempered glass GB 15763.2-2005 6.3                                 |                                                                                                                            | 2024-08-29     |
|    |                                                  | 4              | Curvature                      | Safety glazing materials in building—Part 2:Tempered glass GB 15763.2-2005 6.4                                 |                                                                                                                            | 2024-08-29     |
|    |                                                  | 5              | impact resistance              | Safety glazing materials in building—Part 2:Tempered glass GB 15763.2-2005 6.5                                 |                                                                                                                            | 2024-08-29     |
|    |                                                  | 6              | Shard state                    | Safety glazing materials in building—Part 2:Tempered glass GB 15763.2-2005 6.6                                 |                                                                                                                            | 2024-08-29     |
|    |                                                  | 7              | Shotgun bag impact performance | Safety glazing materials in building—Part 2:Tempered glass GB 15763.2-2005 6.7                                 |                                                                                                                            | 2024-08-29     |
|    |                                                  | 8              | Surface Stress                 | Safety glazing materials in building—Part 2:Tempered glass GB 15763.2-2005 6.8                                 |                                                                                                                            | 2024-08-29     |
|    |                                                  | 9              | resistance to thermal shock    | Safety glazing materials in building—Part 2:Tempered glass GB 15763.2-2005 6.9                                 |                                                                                                                            | 2024-08-29     |
|    |                                                  | 10             | bending strength               | Safety glazing materials in building - Part 4: Heat soaked thermally tempered glass GB 15763.4-2009 Appendix B |                                                                                                                            | 2024-08-29     |
| 13 | Sealed insulating glass unit with shading inside |                | Part Parameters                | Sealed insulating glass unit with shading inside JG/T 255-2020                                                 | Except for Mechanical durability performance, Gas seal durability filled with inert gas in hollow spacer, Water vapor seal | 2024-08-29     |



No. CNAS L1527

The scope of the accreditation in Chinese remains the definitive version.

| № | Test Object | Item/Parameter |                            | Standard or Method                                                 | Note                                                                                                                      | Effective Date |
|---|-------------|----------------|----------------------------|--------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|----------------|
|   |             | №              | Item/ Parameter            |                                                                    |                                                                                                                           |                |
|   |             |                |                            |                                                                    | durability of insulating glass with composite material spacer and composite adhesive spacer, Solar heat gain coefficient. |                |
|   |             | 1              | Appearance                 | Sealed insulating glass unit with shading inside JG/T 255-2020 7.2 |                                                                                                                           | 2024-08-29     |
|   |             | 2              | Dimensional tolerance      | Sealed insulating glass unit with shading inside JG/T 255-2020 7.3 |                                                                                                                           | 2024-08-29     |
|   |             | 3              | Test for Performance       | Sealed insulating glass unit with shading inside JG/T 255-2020 7.4 |                                                                                                                           | 2024-08-29     |
|   |             | 4              | Operating force            | Sealed insulating glass unit with shading inside JG/T 242-2009     |                                                                                                                           | 2024-08-29     |
|   |             | 5              | Dew point                  | Sealed insulating glass unit with shading inside JG/T 255-2020 7.7 |                                                                                                                           | 2024-08-29     |
|   |             | 6              | ultra-violet resistance    | Sealed insulating glass unit with shading inside JG/T 255-2020 7.8 |                                                                                                                           | 2024-08-29     |
|   |             | 7              | Waterproof seal durability | Insulating glass unit GB/T 11944-2012 7.5                          |                                                                                                                           | 2024-08-29     |
|   |             | 8              | Initial gas Content        | Insulating glass unit GB/T 11944-2012 7.6                          |                                                                                                                           | 2024-08-29     |
|   |             | 9              | gas tightness              | Insulating glass unit GB/T 11944-2012 7.7                          |                                                                                                                           | 2024-08-29     |



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| №                           | Test Object                 | Item/Parameter |                             | Standard or Method                                                  | Note            | Effective Date |
|-----------------------------|-----------------------------|----------------|-----------------------------|---------------------------------------------------------------------|-----------------|----------------|
|                             |                             | №              | Item/ Parameter             |                                                                     |                 |                |
|                             |                             | 10             | thermal transmittance       | Sealed insulating glass unit with shading inside JG/T 255-2020 7.12 |                 | 2024-08-29     |
|                             |                             | 11             | light transmittance         | Sealed insulating glass unit with shading inside JG/T 255-2020 7.14 |                 | 2024-08-29     |
| 14                          | Glass for solar cell module | 1              | Part parameters             | Glass for solar cell module JC/T 2001-2009                          | Except for Iron | 2024-08-29     |
|                             |                             | 2              | Appearance                  | Glass for solar cell module JC/T 2001-2009 6.1                      |                 | 2024-08-29     |
|                             |                             | 3              | Dimensional tolerance       | Glass for solar cell module JC/T 2001-2009 6.2                      |                 | 2024-08-29     |
|                             |                             | 4              | Curvature                   | Glass for solar cell module JC/T 2001-2009 6.3                      |                 | 2024-08-29     |
|                             |                             | 5              | light transmittance         | Glass for solar cell module JC/T 2001-2009 6.4                      |                 | 2024-08-29     |
|                             |                             | 6              | solar direct transmittance  | Glass for solar cell module JC/T 2001-2009 6.5                      |                 | 2024-08-29     |
|                             |                             | 7              | impact resistance           | Glass for solar cell module JC/T 2001-2009 6.7                      |                 | 2024-08-29     |
|                             |                             | 8              | Shard state                 | Glass for solar cell module JC/T 2001-2009 6.8                      |                 | 2024-08-29     |
|                             |                             | 9              | resistance to thermal shock | Glass for solar cell module JC/T 2001-2009 6.9                      |                 | 2024-08-29     |
| 三、 paper and paper products |                             |                |                             |                                                                     |                 |                |
| 7、 paper and paper products |                             |                |                             |                                                                     |                 |                |
| 1                           | paper and board             | 1              | Size and deviation          | Paper and board-Determination of size and deviation GB/T 451.1-2002 |                 | 2024-08-29     |
|                             |                             | 2              | Grammage                    | Paper and board-Part 2: Determination of grammage GB/T 451.2-2023   |                 | 2024-08-29     |



No. CNAS L1527

第 39 页 共 84 页

The scope of the accreditation in Chinese remains the definitive version.

| № | Test Object | Item/Parameter |                               | Standard or Method                                                                                                   | Note                                | Effective Date |
|---|-------------|----------------|-------------------------------|----------------------------------------------------------------------------------------------------------------------|-------------------------------------|----------------|
|   |             | №              | Item/ Parameter               |                                                                                                                      |                                     |                |
|   |             | 3              | Thickness                     | Paper and board-Determination of thickness GB/T 451.3-2002                                                           |                                     | 2024-08-29     |
|   |             | 4              | Compactness                   | Paper and board-Determination of thickness GB/T 451.3-2002                                                           |                                     | 2024-08-29     |
|   |             | 5              | Bursting strength             | Paper-Determination of bursting strength GB/T 454-2020                                                               |                                     | 2024-08-29     |
|   |             |                |                               | Paperboard-Determination of bursting strength GB/T 1539-2007                                                         |                                     | 2024-08-29     |
|   |             | 6              | Tearing resistance            | Paper and board determination of tearing resistance GB/T 455-2002                                                    |                                     | 2024-08-29     |
|   |             | 7              | Smoothness                    | Paper and board-Determination of smoothness(Bekk method) GB/T 456-2002                                               |                                     | 2024-08-29     |
|   |             | 8              | Folding endurance             | Paper and board-Determination of folding endurance GB/T 457-2008                                                     |                                     | 2024-08-29     |
|   |             | 9              | Air permeance                 | Paper and board-Determination of air permeance GB/T 458-2008                                                         | Accredited only for schopper method | 2024-08-29     |
|   |             | 10             | Demensional instability       | Paper and board-Determination of demensional instability GB/T 459-2002                                               | Accredited only for method B        | 2024-08-29     |
|   |             | 11             | The sizing value              | Paper-Determination of the sizing value GB/T 460-2008                                                                |                                     | 2024-08-29     |
|   |             | 12             | Moisture content              | Paper, board and pulp-Determination of moisture content pf analytical sample GB/T 462-2023                           |                                     | 2024-08-29     |
|   |             | 13             | Determination of residue(ash) | Fibrous raw material,pulp,paper and board-Determination of residue(ash) on ignition at 575°C and 900°C GB/T 742-2018 |                                     | 2024-08-29     |
|   |             | 14             | Water absorption              | Paper and board-Determination of water absorption-Cobb method GB/T 1540-2002                                         |                                     | 2024-08-29     |
|   |             | 15             | Dirt                          | Paper and board-Determination of dirt GB/T 1541-2013                                                                 |                                     | 2024-08-29     |



No. CNAS L1527

第 40 页 共 84 页

The scope of the accreditation in Chinese remains the definitive version.

| № | Test Object | Item/Parameter |                                          | Standard or Method                                                                                                                            | Note                                  | Effective Date |
|---|-------------|----------------|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|----------------|
|   |             | №              | Item/ Parameter                          |                                                                                                                                               |                                       |                |
|   |             | 16             | Opacity                                  | Paper and board-Determination of opacity (paper backing) - Diffuse reflectance method GB/T 1543-2005                                          |                                       | 2024-08-29     |
|   |             | 17             | pH                                       | Paper,board and pulp-Determination of acidity or alkalinity GB/T 1545-2008                                                                    |                                       | 2024-08-29     |
|   |             | 18             | Transmittance                            | Paper-Determination of transmittance-Diffuse reflectance measurement GB/T 2679.1-2020                                                         |                                       | 2024-08-29     |
|   |             | 19             | Compressive strength (Ring crush method) | Paper and board - Determination of compressive strength (Ring crush method) GB/T 2679.8-2016                                                  |                                       | 2024-08-29     |
|   |             | 20             | Brightness(whiteness)                    | Paper,board and pulps-Measurement of diffuse blue reflectance factor-D65 brightness(Diff/Geometry,Outdoor daylight conditions) GB/T 7974-2013 |                                       | 2024-08-29     |
|   |             |                |                                          | Paper and board-Highest limitation of D65 brightness GB/T 24999-2018                                                                          |                                       | 2024-08-29     |
|   |             | 21             | Color                                    | Paper and board-Determination of color(diffuse reflectance method) GB/T 7975-2005                                                             |                                       | 2024-08-29     |
|   |             | 22             | Gloss                                    | Paper and board-Measurement of specular gloss GB/T 8941-2013                                                                                  |                                       | 2024-08-29     |
|   |             | 23             | Softness                                 | Paper-Determination of softness GB/T 8942-2016                                                                                                |                                       | 2024-08-29     |
|   |             | 24             | Tensile properties                       | Paper and board-Determination of tensile properties-Constant rate of elongation method(20mm/min) GB/T 12914-2018                              |                                       | 2024-08-29     |
|   |             | 25             | Roughness                                | Paper and board-Determination of roughness(air leak methods)-Bendtsen method and print-surf method GB/T 22363-2008                            | Accredited only for print-surf method | 2024-08-29     |
|   |             | 26             | Bending resistance                       | Paper and board-Determination of bending resistance GB/T 22364-2018                                                                           | only test: Constant speed             | 2024-08-29     |



No. CNAS L1527

第 41 页 共 84 页

The scope of the accreditation in Chinese remains the definitive version.

| № | Test Object           | Item/Parameter |                                     | Standard or Method                                                                                                             | Note           | Effective Date |
|---|-----------------------|----------------|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|----------------|----------------|
|   |                       | №              | Item/ Parameter                     |                                                                                                                                |                |                |
|   |                       |                |                                     |                                                                                                                                | bending method |                |
|   |                       | 27             | Absolute dry grammage               | Paper and board-Part 2: Determination of grammage GB/T 451.2-2023 Anex B                                                       |                | 2024-08-29     |
|   |                       | 28             | Instantaneous grammage              | Paper and board-Part 2: Determination of grammage GB/T 451.2-2023 Anex B                                                       |                | 2024-08-29     |
|   |                       | 29             | Dry solid content                   | Paper, board and pulp-Determination of moisture content pf analytical sample GB/T 462-2023                                     |                | 2024-08-29     |
|   |                       | 30             | CIE Brightness                      | Paper and board-Determination of CIE whiteness,D65/10°(outdoor daylight) GB/T 22880-2008                                       |                | 2024-08-29     |
| 2 | corrugated fibreboard | 1              | Grammage                            | Corrugated fibreboard-Determination of the grammage of the component papers after separation GB/T 22811-2008                   |                | 2024-08-29     |
|   |                       | 2              | Thickness                           | Corrugated fibreboard-Determination of thickness GB/T 6547-1998                                                                |                | 2024-08-29     |
|   |                       | 3              | Bursting strength                   | Corrugated fibreboard-Determination of bursting strength GB/T 6545-1998                                                        |                | 2024-08-29     |
|   |                       | 4              | Edgewise crush resistance           | Corrugated fibreboard-Determination of edgewise crush resistance GB/T 6546-2021                                                |                | 2024-08-29     |
| 3 | transport packages    | 1              | Compressive capacity of empty boxes | Packaging-Basic tests for transport packages-Part 4:Compression and stacking tests using a compression tester GB/T 4857.4-2008 |                | 2024-08-29     |
| 4 | corrugated boxes      |                | All Parameters                      | Single and double corrugated boxes for transport packages GB/T 6543-2008                                                       |                | 2024-08-29     |
|   |                       | 1              | Thickness                           | Corrugated fibreboard-Determination of thickness GB/T 6547-1998                                                                |                | 2024-08-29     |
|   |                       | 2              | Edgewise crush resistance           | Corrugated fibreboard-Determination of edgewise crush resistance GB/T 6546-2021                                                |                | 2024-08-29     |
|   |                       | 3              | Bursting strength                   | Corrugated fibreboard-Determination of bursting strength GB/T 6545-1998                                                        |                | 2024-08-29     |



| № | Test Object           | Item/Parameter |                                     | Standard or Method                                                                                                             | Note   | Effective Date |
|---|-----------------------|----------------|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|--------|----------------|
|   |                       | №              | Item/ Parameter                     |                                                                                                                                |        |                |
|   |                       | 4              | Ply adhesive strength               | Corrugated fiberboard GB/T 6544-2008 Annex B                                                                                   |        | 2024-08-29     |
|   |                       | 5              | Moisture content                    | Paper, board and pulp-Determination of moisture content pf analytical sample GB/T 462-2023                                     |        | 2024-08-29     |
|   |                       | 6              | Size and deviation                  | Single and double corrugated boxes for transport packages GB/T 6543-2008                                                       |        | 2024-08-29     |
|   |                       | 7              | Quality and structure               | Single and double corrugated boxes for transport packages GB/T 6543-2008                                                       |        | 2024-08-29     |
|   |                       | 8              | Compressive capacity of empty boxes | Packaging-Basic tests for transport packages-Part 4:Compression and stacking tests using a compression tester GB/T 4857.4-2008 |        | 2024-08-29     |
| 5 | corrugated fiberboard |                | All Parameters                      | Corrugated fiberboard GB/T 6544-2008                                                                                           |        | 2024-08-29     |
|   |                       | 1              | Thickness                           | Corrugated fibreboard-Determination of thickness GB/T 6547-1998                                                                |        | 2024-08-29     |
|   |                       | 2              | Length                              | Corrugated fiberboard GB/T 6544-2008 6.2                                                                                       |        | 2024-08-29     |
|   |                       | 3              | Width                               | Corrugated fiberboard GB/T 6544-2008 6.2                                                                                       |        | 2024-08-29     |
|   |                       | 4              | Edgewise crush resistance           | Corrugated fibreboard-Determination of edgewise crush resistance GB/T 6546-2021                                                |        | 2024-08-29     |
|   |                       | 5              | Bursting strength                   | Corrugated fibreboard-Determination of bursting strength GB/T 6545-1998                                                        |        | 2024-08-29     |
|   |                       | 6              | Ply adhesive strength               | Corrugated fiberboard GB/T 6544-2008 Appendix B                                                                                |        | 2024-08-29     |
|   |                       | 7              | Moisture content                    | Paper, board and pulp-Determination of moisture content pf analytical sample GB/T 462-2023                                     |        | 2024-08-29     |
|   |                       | 8              | Appearance quality                  | Corrugated fiberboard GB/T 6544-2008 6.7                                                                                       |        | 2024-08-29     |
| 6 | coated art            | 1              | Part of Parameters                  | Coated paper and board--Coated art paper GB/T 10335.1-2017                                                                     | Except | 2024-08-29     |



No. CNAS L1527

第 43 页 共 84 页

The scope of the accreditation in Chinese remains the definitive version.

| № | Test Object | Item/Parameter |                                 | Standard or Method                                                                                                                            | Note                | Effective Date |
|---|-------------|----------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------|
|   |             | №              | Item/ Parameter                 |                                                                                                                                               |                     |                |
|   | paper       |                |                                 |                                                                                                                                               | for: wet repellence |                |
|   |             | 2              | Size and deviation              | Paper and board-Determination of size and deviation GB/T 451.1-2002                                                                           |                     | 2024-08-29     |
|   |             | 3              | Grammage and grammage deviation | Paper and board-Part 2: Determination of grammage GB/T 451.2-2023                                                                             |                     | 2024-08-29     |
|   |             | 4              | D65 Brightness                  | Paper,board and pulps-Measurement of diffuse blue reflectance factor-D65 brightness(Diff/Geometry,Outdoor daylight conditions) GB/T 7974-2013 |                     | 2024-08-29     |
|   |             | 5              | Opacity                         | Paper and board-Determination of opacity (paper backing) - Diffuse reflectance method GB/T 1543-2005                                          |                     | 2024-08-29     |
|   |             | 6              | Gloss                           | Paper and board-Measurement of specular gloss GB/T 8941-2013                                                                                  |                     | 2024-08-29     |
|   |             | 7              | Print-surf roughness            | Paper and board-Determination of roughness(air leak methods)-Bendtsen method and print-surf method GB/T 22363-2008                            |                     | 2024-08-29     |
|   |             | 8              | Dirt                            | Paper and board-Determination of dirt GB/T 1541-2013                                                                                          |                     | 2024-08-29     |
|   |             | 9              | Moisture content                | Paper, board and pulp-Determination of moisture content pf analytical sample GB/T 462-2023                                                    |                     | 2024-08-29     |
|   |             | 10             | The color difference            | Paper and board-Determination of color(diffuse reflectance method) GB/T 7975-2005                                                             |                     | 2024-08-29     |
|   |             | 11             | Thickness deviation             | Paper and board-Determination of thickness GB/T 451.3-2002                                                                                    |                     | 2024-08-29     |
|   |             | 12             | Thickness deviation of CD       | Paper and board-Determination of thickness GB/T 451.3-2002                                                                                    |                     | 2024-08-29     |
|   |             | 13             | Bending resistance              | Paper and board-Determination of bending resistance GB/T 22364-2018                                                                           |                     | 2024-08-29     |
|   |             | 14             | Printing Gloss                  | Paper and board-Measurement of specular gloss GB/T 8941-2013                                                                                  |                     | 2024-08-29     |



No. CNAS L1527

第 44 页 共 84 页

The scope of the accreditation in Chinese remains the definitive version.

| № | Test Object               | Item/Parameter |                                 | Standard or Method                                                                                                                            | Note | Effective Date |
|---|---------------------------|----------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
|   |                           | №              | Item/ Parameter                 |                                                                                                                                               |      |                |
|   |                           | 15             | Ink absorbency                  | Paper and board-Determination of the ink absorbency GB/T 12911-1991                                                                           |      | 2024-08-29     |
|   |                           | 16             | Printing surface strength       | Paper and board-Determination of printing surface strength GB/T 22365-2008                                                                    |      | 2024-08-29     |
|   |                           | 17             | Appearance                      | Coated paper and board-Coated art paper GB/T 10335.1-2017 5.18                                                                                |      | 2024-08-29     |
| 7 | light weight coated paper | 1              | All Parameters                  | Coated paper and board-Light weight coated pape GB/T 10335.2-2018                                                                             |      | 2024-08-29     |
|   |                           | 2              | Size and deviation              | Paper and board-Determination of size and deviation GB/T 451.1-2002                                                                           |      | 2024-08-29     |
|   |                           | 3              | Grammage and grammage deviation | Paper and board-Part 2: Determination of grammage GB/T 451.2-2023                                                                             |      | 2024-08-29     |
|   |                           | 4              | D65 Brightness                  | Paper,board and pulps-Measurement of diffuse blue reflectance factor-D65 brightness(Diff/Geometry,Outdoor daylight conditions) GB/T 7974-2013 |      | 2024-08-29     |
|   |                           | 5              | Opacity                         | Paper and board-Determination of opacity (paper backing) - Diffuse reflectance method GB/T 1543-2005                                          |      | 2024-08-29     |
|   |                           | 6              | Gloss                           | Paper and board-Measurement of specular gloss GB/T 8941-2013                                                                                  |      | 2024-08-29     |
|   |                           | 7              | Print-surf roughness            | Paper and board-Determination of roughness(air leak methods)-Bendtsen method and print-surf method GB/T 22363-2008                            |      | 2024-08-29     |
|   |                           | 8              | Smoothness                      | Paper and board-Determination of smoothness(Bekk method) GB/T 456-2002                                                                        |      | 2024-08-29     |
|   |                           | 9              | Dirt                            | Paper and board-Determination of dirt GB/T 1541-2013                                                                                          |      | 2024-08-29     |
|   |                           | 10             | Moisture content                | Paper, board and pulp-Determination of moisture content pf analytical sample GB/T 462-2023                                                    |      | 2024-08-29     |
|   |                           | 11             | The color difference            | Paper and board-Determination of color(diffuse reflectance method) GB/T 7975-2005                                                             |      | 2024-08-29     |



No. CNAS L1527

第 45 页 共 84 页

The scope of the accreditation in Chinese remains the definitive version.

| № | Test Object        | Item/Parameter |                                 | Standard or Method                                                                                                 | Note                                                          | Effective Date |
|---|--------------------|----------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|----------------|
|   |                    | №              | Item/ Parameter                 |                                                                                                                    |                                                               |                |
|   |                    | 12             | grammage deviation of CD        | Paper and board-Part 2: Determination of grammage GB/T 451.2-2023                                                  |                                                               | 2024-08-29     |
|   |                    | 13             | Thickness deviation             | Paper and board-Determination of thickness GB/T 451.3-2002                                                         |                                                               | 2024-08-29     |
|   |                    | 14             | Printing Gloss                  | Paper and board-Measurement of specular gloss GB/T 8941-2013                                                       |                                                               | 2024-08-29     |
|   |                    | 15             | Ink absorbency                  | Paper and board-Determination of the ink absorbency GB/T 12911-1991                                                |                                                               | 2024-08-29     |
|   |                    | 16             | Printing surface strength       | Paper and board-Determination of printing surface strength GB/T 22365-2008                                         |                                                               | 2024-08-29     |
|   |                    | 17             | Appearance                      | Coated paper and board-light weight coated paper GB/T 10335.2-2018 5.16                                            |                                                               | 2024-08-29     |
| 8 | coated ivory board | 1              | Part of Parameters              | Coated paper and board—Coated ivory board GB/T 10335.3-2018                                                        | Except for: internal bond strength,Resistance to bending (CD) | 2024-08-29     |
|   |                    | 2              | Size and deviation              | Paper and board-Determination of size and deviation GB/T 451.1-2002                                                |                                                               | 2024-08-29     |
|   |                    | 3              | Grammage and grammage deviation | Paper and board-Part 2: Determination of grammage GB/T 451.2-2023                                                  |                                                               | 2024-08-29     |
|   |                    | 4              | Thickness deviation             | Paper and board-Determination of thickness GB/T 451.3-2002                                                         |                                                               | 2024-08-29     |
|   |                    | 5              | Compactness                     | Paper and board-Determination of thickness GB/T 451.3-2002                                                         |                                                               | 2024-08-29     |
|   |                    | 6              | D65 Brightness                  | Paper,board and pulps-Measurement of diffuse blue reflectance factor-D65 brightness(Diff/Geometry,Outdoor daylight |                                                               | 2024-08-29     |



No. CNAS L1527

The scope of the accreditation in Chinese remains the definitive version.

| № | Test Object          | Item/Parameter |                           | Standard or Method                                                                                                 | Note                         | Effective Date |
|---|----------------------|----------------|---------------------------|--------------------------------------------------------------------------------------------------------------------|------------------------------|----------------|
|   |                      | №              | Item/ Parameter           |                                                                                                                    |                              |                |
|   |                      |                |                           | conditions) GB/T 7974-2013                                                                                         |                              |                |
|   |                      | 7              | Gloss                     | Paper and board-Measurement of specular gloss GB/T 8941-2013                                                       |                              | 2024-08-29     |
|   |                      | 8              | Print-surf roughness      | Paper and board-Determination of roughness(air leak methods)-Bendtsen method and print-surf method GB/T 22363-2008 |                              | 2024-08-29     |
|   |                      | 9              | Water absorption          | Paper and board-Determination of water absorption-Cobb method GB/T 1540-2002                                       |                              | 2024-08-29     |
|   |                      | 10             | Dirt                      | Paper and board-Determination of dirt GB/T 1541-2013                                                               |                              | 2024-08-29     |
|   |                      | 11             | Moisture content          | Paper, board and pulp-Determination of moisture content pf analytical sample GB/T 462-2023                         |                              | 2024-08-29     |
|   |                      | 12             | The color difference      | Paper and board-Determination of color(diffuse reflectance method) GB/T 7975-2005                                  |                              | 2024-08-29     |
|   |                      | 13             | grammage deviation of CD  | Paper and board-Part 2: Determination of grammage GB/T 451.2-2023                                                  |                              | 2024-08-29     |
|   |                      | 14             | Printing Gloss            | Paper and board-Measurement of specular gloss GB/T 8941-2013                                                       |                              | 2024-08-29     |
|   |                      | 15             | Ink absorbency            | Paper and board-Determination of the ink absorbency GB/T 12911-1991                                                |                              | 2024-08-29     |
|   |                      | 16             | Printing surface strength | Paper and board-Determination of printing surface strength GB/T 22365-2008                                         |                              | 2024-08-29     |
|   |                      | 17             | Folding endurance of CD   | Paper and board-Determination of folding endurance GB/T 457-2008                                                   |                              | 2024-08-29     |
|   |                      | 18             | Appearance                | Coated paper and board—Coated ivory board GB/T 10335.3-2018 5.20                                                   |                              | 2024-08-29     |
| 9 | coated folding board | 1              | Part of Parameters        | Coated paper and board—Coated folding board GB/T 10335.4-2017                                                      | Except for:<br>internal bond | 2024-08-29     |



No. CNAS L1527

第 47 页 共 84 页

The scope of the accreditation in Chinese remains the definitive version.

| № | Test Object | Item/Parameter |                                 | Standard or Method                                                                                                                            | Note     | Effective Date |
|---|-------------|----------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|----------|----------------|
|   |             | №              | Item/ Parameter                 |                                                                                                                                               |          |                |
|   |             |                |                                 |                                                                                                                                               | strength |                |
|   |             | 2              | Size and deviation              | Paper and board-Determination of size and deviation GB/T 451.1-2002                                                                           |          | 2024-08-29     |
|   |             | 3              | Grammage and grammage deviation | Paper and board-Part 2: Determination of grammage GB/T 451.2-2023                                                                             |          | 2024-08-29     |
|   |             | 4              | Compactness                     | Paper and board-Determination of thickness GB/T 451.3-2002                                                                                    |          | 2024-08-29     |
|   |             | 5              | D65 Brightness                  | Paper,board and pulps-Measurement of diffuse blue reflectance factor-D65 brightness(Diff/Geometry,Outdoor daylight conditions) GB/T 7974-2013 |          | 2024-08-29     |
|   |             | 6              | Print-surf roughness            | Paper and board-Determination of roughness(air leak methods)-Bendtsen method and print-surf method GB/T 22363-2008                            |          | 2024-08-29     |
|   |             | 7              | Water absorption                | Paper and board-Determination of water absorption-Cobb method GB/T 1540-2002                                                                  |          | 2024-08-29     |
|   |             | 8              | Dirt                            | Paper and board-Determination of dirt GB/T 1541-2013                                                                                          |          | 2024-08-29     |
|   |             | 9              | Moisture content                | Paper, board and pulp-Determination of moisture content pf analytical sample GB/T 462-2023                                                    |          | 2024-08-29     |
|   |             | 10             | Bending resistance              | Paper and board-determination of resistance to bending GB/T 22364-2018                                                                        |          | 2024-08-29     |
|   |             | 11             | The color difference            | Paper and board-Determination of color(diffuse reflectance method) GB/T 7975-2005                                                             |          | 2024-08-29     |
|   |             | 12             | grammage deviation of CD        | Paper and board-Part 2: Determination of grammage GB/T 451.2-2023                                                                             |          | 2024-08-29     |
|   |             | 13             | Gloss                           | Paper and board-Measurement of specular gloss GB/T 8941-2013                                                                                  |          | 2024-08-29     |
|   |             | 14             | Printing Gloss                  | Paper and board-Measurement of specular gloss GB/T 8941-2013                                                                                  |          | 2024-08-29     |
|   |             | 15             | Ink absorbency                  | Paper and board-Determination of the ink absorbency GB/T                                                                                      |          | 2024-08-29     |



No. CNAS L1527

第 48 页 共 84 页

The scope of the accreditation in Chinese remains the definitive version.

| №  | Test Object       | Item/Parameter |                                                 | Standard or Method                                                                                                 | Note                               | Effective Date |
|----|-------------------|----------------|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|------------------------------------|----------------|
|    |                   | №              | Item/ Parameter                                 |                                                                                                                    |                                    |                |
|    |                   |                |                                                 | 12911-1991                                                                                                         |                                    |                |
|    |                   | 16             | Printing surface strength                       | Paper and board-Determination of printing surface strength GB/T 22365-2008                                         |                                    | 2024-08-29     |
|    |                   | 17             | Burst index                                     | Paperboard-Determination of bursting strength GB/T 1539-2007                                                       |                                    | 2024-08-29     |
|    |                   | 18             | Folding endurance                               | Paper and board-Determination of folding endurance GB/T 457-2008                                                   |                                    | 2024-08-29     |
|    |                   | 19             | Appearance                                      | Coated paper and board—Coated folding board GB/T 10335.4-2017 5.20                                                 |                                    | 2024-08-29     |
| 10 | coated linerboard | 1              | Part of Parameters                              | Coated paper and board-Part 5: Coated linerboard GB/T 10335.5-2023                                                 | Except for: internal bond strength | 2024-08-29     |
|    |                   | 2              | Size and deviation                              | Paper and board-Determination of size and deviation GB/T 451.1-2002                                                |                                    | 2024-08-29     |
|    |                   | 3              | Grammage                                        | Paper and board-Part 2: Determination of grammage GB/T 451.2-2023                                                  |                                    | 2024-08-29     |
|    |                   | 4              | Compactness                                     | Paper and board-Determination of thickness GB/T 451.3-2002                                                         |                                    | 2024-08-29     |
|    |                   | 5              | Burst index                                     | Paperboard-Determination of bursting strength GB/T 1539-2007                                                       |                                    | 2024-08-29     |
|    |                   | 6              | Horizontal compressive index(Ring crush method) | Paper and board - Determination of compressive strength (Ring crush method) GB/T 2679.8-2016                       |                                    | 2024-08-29     |
|    |                   | 7              | Folding endurance(CD)                           | Paper and board-Determination of folding endurance GB/T 457-2008                                                   |                                    | 2024-08-29     |
|    |                   | 8              | Brightness                                      | Paper,board and pulps-Measurement of diffuse blue reflectance factor-D65 brightness(Diff/Geometry,Outdoor daylight |                                    | 2024-08-29     |



No. CNAS L1527

第 49 页 共 84 页

The scope of the accreditation in Chinese remains the definitive version.

| №  | Test Object   | Item/Parameter |                                 | Standard or Method                                                                                                 | Note | Effective Date |
|----|---------------|----------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------|------|----------------|
|    |               | №              | Item/ Parameter                 |                                                                                                                    |      |                |
|    |               |                |                                 | conditions) GB/T 7974-2013                                                                                         |      |                |
|    |               | 9              | Print-surf roughness            | Paper and board-Determination of roughness(air leak methods)-Bendtsen method and print-surf method GB/T 22363-2008 |      | 2024-08-29     |
|    |               | 10             | Water absorption                | Paper and board-Determination of water absorption-Cobb method GB/T 1540-2002                                       |      | 2024-08-29     |
|    |               | 11             | Dirt                            | Paper and board-Determination of dirt GB/T 1541-2013                                                               |      | 2024-08-29     |
|    |               | 12             | Moisture content                | Paper, board and pulp-Determination of moisture content pf analytical sample GB/T 462-2023                         |      | 2024-08-29     |
|    |               | 13             | The color difference            | Paper and board-Determination of color(diffuse reflectance method) GB/T 7975-2005                                  |      | 2024-08-29     |
|    |               | 14             | Printing Gloss                  | Paper and board-Measurement of specular gloss GB/T 8941-2013                                                       |      | 2024-08-29     |
|    |               | 15             | Printing surface strength       | Paper and board-Determination of printing surface strength GB/T 22365-2008                                         |      | 2024-08-29     |
|    |               | 16             | Ink absorbency                  | Paper and board-Determination of the ink absorbency GB/T 12911-1991                                                |      | 2024-08-29     |
|    |               | 17             | Grammage deviation              | Paper and board-Part 2: Determination of grammage GB/T 451.2-2023                                                  |      | 2024-08-29     |
|    |               | 18             | grammage deviation of CD        | Paper and board-Part 2: Determination of grammage GB/T 451.2-2023                                                  |      | 2024-08-29     |
| 11 | writing paper |                | All Parameters                  | Writing paper GB/T 12654-2018                                                                                      |      | 2024-08-29     |
|    |               | 1              | Size and deviation              | Paper and board-Determination of size and deviation GB/T 451.1-2002                                                |      | 2024-08-29     |
|    |               | 2              | Grammage and grammage deviation | Paper and board-Part 2: Determination of grammage GB/T 451.2-2023                                                  |      | 2024-08-29     |
|    |               | 3              | Compactness                     | Paper and board-Determination of thickness GB/T 451.3-2002                                                         |      | 2024-08-29     |



No. CNAS L1527

第 50 页 共 84 页

The scope of the accreditation in Chinese remains the definitive version.

| №  | Test Object        | Item/Parameter |                           | Standard or Method                                                                                                                            | Note                        | Effective Date |
|----|--------------------|----------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|----------------|
|    |                    | №              | Item/ Parameter           |                                                                                                                                               |                             |                |
|    |                    | 4              | D65 Brightness            | Paper,board and pulps-Measurement of diffuse blue reflectance factor-D65 brightness(Diff/Geometry,Outdoor daylight conditions) GB/T 7974-2013 |                             | 2024-08-29     |
|    |                    | 5              | Opacity                   | Paper and board-Determination of opacity (paper backing) - Diffuse reflectance method GB/T 1543-2005                                          |                             | 2024-08-29     |
|    |                    | 6              | The sizing value          | Paper-Determination of the sizing value GB/T 460-2008                                                                                         |                             | 2024-08-29     |
|    |                    | 7              | Smoothness                | Paper and board-Determination of smoothness(Bekk method) GB/T 456-2002                                                                        |                             | 2024-08-29     |
|    |                    | 8              | Folding endurance of CD   | Paper and board-Determination of folding endurance GB/T 457-2008                                                                              |                             | 2024-08-29     |
|    |                    | 9              | Dirt                      | Paper and board-Determination of dirt GB/T 1541-2013                                                                                          |                             | 2024-08-29     |
|    |                    | 10             | Moisture content          | Paper, board and pulp-Determination of moisture content pf analytical sample GB/T 462-2023                                                    |                             | 2024-08-29     |
|    |                    | 11             | Printing surface strength | Paper and board-Determination of printing surface strength GB/T 22365-2008                                                                    |                             | 2024-08-29     |
|    |                    | 12             | The color difference      | Paper and board-Determination of color(diffuse reflectance method) GB/T 7975-2005                                                             |                             | 2024-08-29     |
|    |                    | 13             | Appearance                | Writing paper GB/T 12654-2018 5.14                                                                                                            |                             | 2024-08-29     |
| 12 | corrugating medium | 1              | Part of Parameters        | Corrugating medium GB/T 13023-2008                                                                                                            | Except for flat crush index | 2024-08-29     |
|    |                    | 2              | Grammage                  | Paper and board-Part 2: Determination of grammage GB/T 451.2-2023                                                                             |                             | 2024-08-29     |
|    |                    | 3              | Compactness               | Paper and board-Determination of thickness GB/T 451.3-2002                                                                                    |                             | 2024-08-29     |
|    |                    | 4              | Size deviation            | Paper and board-Determination of size and deviation GB/T 451.1-2002                                                                           |                             | 2024-08-29     |



No. CNAS L1527

第 51 页 共 84 页

The scope of the accreditation in Chinese remains the definitive version.

| №  | Test Object | Item/Parameter |                                                 | Standard or Method                                                                                               | Note                                                        | Effective Date |
|----|-------------|----------------|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|----------------|
|    |             | №              | Item/ Parameter                                 |                                                                                                                  |                                                             |                |
|    |             | 5              | Horizontal compressive index(Ring crush method) | Paper and board - Determination of compressive strength (Ring crush method) GB/T 2679.8-2016                     |                                                             | 2024-08-29     |
|    |             | 6              | Breaking Length(MD)                             | Paper and board-Determination of tensile properties-Constant rate of elongation method(20mm/min) GB/T 12914-2018 |                                                             | 2024-08-29     |
|    |             | 7              | Moisture content                                | Paper, board and pulp-Determination of moisture content pf analytical sample GB/T 462-2023                       |                                                             | 2024-08-29     |
|    |             | 8              | Water absorption                                | Paper and board-Determination of water absorption-Cobb method GB/T 1540-2002                                     |                                                             | 2024-08-29     |
| 13 | linerboard  | 1              | Part of Parameters                              | Liner board GB/T 13024-2016                                                                                      | Except for short range compression index of cross direction | 2024-08-29     |
|    |             | 2              | Size and deviation                              | Paper and board-Determination of size and deviation GB/T 451.1-2002                                              |                                                             | 2024-08-29     |
|    |             | 3              | Grammage                                        | Paper and board-Part 2: Determination of grammage GB/T 451.2-2023                                                |                                                             | 2024-08-29     |
|    |             | 4              | Compactness                                     | Paper and board-Determination of thickness GB/T 451.3-2002                                                       |                                                             | 2024-08-29     |
|    |             | 5              | Burst index                                     | Liner board GB/T 13024-2016                                                                                      |                                                             | 2024-08-29     |
|    |             | 6              | Compressive index (Ring crush method)           | Paper and board - Determination of compressive strength (Ring crush method) GB/T 2679.8-2016                     |                                                             | 2024-08-29     |
|    |             | 7              | Smoothness                                      | Paper and board-Determination of smoothness(Bekk method) GB/T 456-2002                                           |                                                             | 2024-08-29     |
|    |             | 8              | Folding endurance                               | Paper and board-Determination of folding endurance GB/T 457-2008                                                 |                                                             | 2024-08-29     |



No. CNAS L1527

第 52 页 共 84 页

The scope of the accreditation in Chinese remains the definitive version.

| №  | Test Object | Item/Parameter |                          | Standard or Method                                                                                                                            | Note                       | Effective Date |
|----|-------------|----------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|----------------|
|    |             | №              | Item/ Parameter          |                                                                                                                                               |                            |                |
|    |             | 9              | Water absorption         | Paper and board-Determination of water absorption-Cobb method GB/T 1540-2002                                                                  |                            | 2024-08-29     |
|    |             | 10             | Moisture content         | Paper, board and pulp-Determination of moisture content of analytical sample GB/T 462-2023                                                    |                            | 2024-08-29     |
|    |             | 11             | Appearance               | Liner board GB/T 13024-2016 5.11                                                                                                              |                            | 2024-08-29     |
|    |             | 12             | grammage deviation of CD | Paper and board-Part 2: Determination of grammage GB/T 451.2-2023                                                                             |                            | 2024-08-29     |
| 14 | ivory board | 1              | Part of Parameters       | Ivory board GB/T 22806-2008                                                                                                                   | Except for Taber stiffness | 2024-08-29     |
|    |             | 2              | Size and deviation       | Paper and board-Determination of size and deviation GB/T 451.1-2002                                                                           |                            | 2024-08-29     |
|    |             | 3              | Grammage                 | Paper and board-Part 2: Determination of grammage GB/T 451.2-2023                                                                             |                            | 2024-08-29     |
|    |             | 4              | Compactness              | Paper and board-Determination of thickness GB/T 451.3-2002                                                                                    |                            | 2024-08-29     |
|    |             | 5              | Burst index              | Paperboard-Determination of bursting strength GB/T 1539-2007                                                                                  |                            | 2024-08-29     |
|    |             | 6              | Folding endurance(CD)    | Paper and board-Determination of folding endurance GB/T 457-2008                                                                              |                            | 2024-08-29     |
|    |             | 7              | Brightness(whiteness)    | Paper,board and pulps-Measurement of diffuse blue reflectance factor-D65 brightness(Diff/Geometry,Outdoor daylight conditions) GB/T 7974-2013 |                            | 2024-08-29     |
|    |             | 8              | Smoothness               | Paper and board-Determination of smoothness(Bekk method) GB/T 456-2002                                                                        |                            | 2024-08-29     |
|    |             | 9              | Water absorption         | Paper and board-Determination of water absorption-Cobb method GB/T 1540-2002                                                                  |                            | 2024-08-29     |
|    |             | 10             | Dirt                     | Paper and board-Determination of dirt GB/T 1541-2013                                                                                          |                            | 2024-08-29     |



No. CNAS L1527

第 53 页 共 84 页

The scope of the accreditation in Chinese remains the definitive version.

| №  | Test Object          | Item/Parameter |                          | Standard or Method                                                                         | Note | Effective Date |
|----|----------------------|----------------|--------------------------|--------------------------------------------------------------------------------------------|------|----------------|
|    |                      | №              | Item/ Parameter          |                                                                                            |      |                |
|    |                      | 11             | Moisture content         | Paper, board and pulp-Determination of moisture content pf analytical sample GB/T 462-2023 |      | 2024-08-29     |
|    |                      | 12             | Appearance               | Ivory board GB/T 22806-2008 5.4                                                            |      | 2024-08-29     |
|    |                      | 13             | grammage deviation of CD | Paper and board-Part 2: Determination of grammage GB/T 451.2-2023                          |      | 2024-08-29     |
|    |                      | 14             | Grammage deviation       | Paper and board-Part 2: Determination of grammage GB/T 451.2-2023                          |      | 2024-08-29     |
| 15 | kraft                |                | All Parameters           | Kraft GB/T 22865-2008                                                                      |      | 2024-08-29     |
|    |                      | 1              | Size and deviation       | Paper and board-Determination of size and deviation GB/T 451.1-2002                        |      | 2024-08-29     |
|    |                      | 2              | Grammage                 | Paper and board-Part 2: Determination of grammage GB/T 451.2-2023                          |      | 2024-08-29     |
|    |                      | 3              | Bursting strength        | Paper-Determination of bursting strength GB/T 454-2020                                     |      | 2024-08-29     |
|    |                      | 4              | Tearing resistance(MD)   | Paper and board determination of tearing resistance GB/T 455-2002                          |      | 2024-08-29     |
|    |                      | 5              | Water absorption         | Paper and board-Determination of water absorption-Cobb method GB/T 1540-2002               |      | 2024-08-29     |
|    |                      | 6              | Moisture content         | Paper, board and pulp-Determination of moisture content pf analytical sample GB/T 462-2023 |      | 2024-08-29     |
|    |                      | 7              | Appearance               | Kraft GB/T 22865-2008 5.9                                                                  |      | 2024-08-29     |
| 16 | white top linerboard |                | All Parameters           | White top linerboard GB/T 22870-2008                                                       |      | 2024-08-29     |
|    |                      | 1              | Size and deviation       | Paper and board-Determination of size and deviation GB/T 451.1-2002                        |      | 2024-08-29     |
|    |                      | 2              | Grammage                 | Paper and board-Part 2: Determination of grammage GB/T 451.2-2023                          |      | 2024-08-29     |



No. CNAS L1527

第 54 页 共 84 页

The scope of the accreditation in Chinese remains the definitive version.

| №  | Test Object | Item/Parameter |                                                 | Standard or Method                                                                                                                            | Note                            | Effective Date |
|----|-------------|----------------|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|----------------|
|    |             | №              | Item/ Parameter                                 |                                                                                                                                               |                                 |                |
|    |             | 3              | Compactness                                     | Paper and board-Determination of thickness GB/T 451.3-2002                                                                                    |                                 | 2024-08-29     |
|    |             | 4              | Burst index                                     | Paperboard-Determination of bursting strength GB/T 1539-2007                                                                                  |                                 | 2024-08-29     |
|    |             | 5              | Horizontal compressive index(Ring crush method) | Paper and board - Determination of compressive strength (Ring crush method) GB/T 2679.8-2016                                                  |                                 | 2024-08-29     |
|    |             | 6              | Folding endurance(CD)                           | Paper and board-Determination of folding endurance GB/T 457-2008                                                                              |                                 | 2024-08-29     |
|    |             | 7              | Brightness                                      | Paper,board and pulps-Measurement of diffuse blue reflectance factor-D65 brightness(Diff/Geometry,Outdoor daylight conditions) GB/T 7974-2013 |                                 | 2024-08-29     |
|    |             | 8              | Smoothness                                      | Paper and board-Determination of smoothness(Bekk method) GB/T 456-2002                                                                        |                                 | 2024-08-29     |
|    |             | 9              | Water absorption                                | Paper and board-Determination of water absorption-Cobb method GB/T 1540-2002                                                                  |                                 | 2024-08-29     |
|    |             | 10             | Dirt                                            | Paper and board-Determination of dirt GB/T 1541-2013                                                                                          |                                 | 2024-08-29     |
|    |             | 11             | Moisture content                                | Paper, board and pulp-Determination of moisture content pf analytical sample GB/T 462-2023                                                    |                                 | 2024-08-29     |
|    |             | 12             | Appearance                                      | White top linerboard GB/T 22870-2008 5.14                                                                                                     |                                 | 2024-08-29     |
| 17 | copy paper  |                | Part parameters                                 | Copy paper GB/T 24988-2020                                                                                                                    | Except for: Cobb value (Cobb60) | 2024-08-29     |
|    |             | 1              | Size and deviation                              | Paper and board-Determination of size and deviation GB/T 451.1-2002                                                                           |                                 | 2024-08-29     |



No. CNAS L1527

The scope of the accreditation in Chinese remains the definitive version.

| №  | Test Object   | Item/Parameter |                                 | Standard or Method                                                                                                                            | Note                                       | Effective Date |
|----|---------------|----------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|----------------|
|    |               | №              | Item/ Parameter                 |                                                                                                                                               |                                            |                |
|    |               | 2              | Grammage                        | Paper and board-Part 2: Determination of grammage GB/T 451.2-2023                                                                             |                                            | 2024-08-29     |
|    |               | 3              | Thickness                       | Paper and board-Determination of thickness GB/T 451.3-2002                                                                                    |                                            | 2024-08-29     |
|    |               | 4              | Resistance to bending           | Paper and board-Determination of bending resistance GB/T 22364-2018                                                                           | only test: : Constant speed bending method | 2024-08-29     |
|    |               | 5              | Smoothness(wire and felt sides) | Paper and board-Determination of smoothness(Bekk method) GB/T 456-2002                                                                        |                                            | 2024-08-29     |
|    |               | 6              | Opacity                         | Paper and board-Determination of opacity (paper backing) - Diffuse reflectance method GB/T 1543-2005                                          |                                            | 2024-08-29     |
|    |               | 7              | D65 brightness                  | Paper,board and pulps-Measurement of diffuse blue reflectance factor-D65 brightness(Diff/Geometry,Outdoor daylight conditions) GB/T 7974-2013 |                                            | 2024-08-29     |
|    |               | 8              | Dirt                            | Paper and board-Determination of dirt GB/T 1541-2013                                                                                          |                                            | 2024-08-29     |
|    |               | 9              | Moisture content                | Paper, board and pulp-Determination of moisture content pf analytical sample GB/T 462-2023                                                    |                                            | 2024-08-29     |
|    |               | 10             | Net content (shortage quantity) | Copy paper GB/T 24988-2020 6.12                                                                                                               |                                            | 2024-08-29     |
|    |               | 11             | Appearance quality              | Copy paper GB/T 24988-2020 6.13                                                                                                               |                                            | 2024-08-29     |
|    |               | 12             | Grammage deviation              | Paper and board-Part 2: Determination of grammage GB/T 451.2-2023                                                                             |                                            | 2024-08-29     |
| 18 | thermal paper | 1              | Part of Parameters              | Thermal paper GB/T 28210-2011                                                                                                                 | Except for static                          | 2024-08-29     |



No. CNAS L1527

The scope of the accreditation in Chinese remains the definitive version.

| № | Test Object | Item/Parameter |                                 | Standard or Method                                                                                                                            | Note                                                                                             | Effective Date |
|---|-------------|----------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|----------------|
|   |             | №              | Item/ Parameter                 |                                                                                                                                               |                                                                                                  |                |
|   |             |                |                                 |                                                                                                                                               | chromatism ,dynamic chromatism ,performan ce of saving images, performanc e of protective images |                |
|   |             | 2              | Size and size deviation         | Paper and board-Determination of size and deviation GB/T 451.1-2002                                                                           |                                                                                                  | 2024-08-29     |
|   |             | 3              | Grammage and grammage deviation | Paper and board-Part 2: Determination of grammage GB/T 451.2-2023                                                                             |                                                                                                  | 2024-08-29     |
|   |             | 4              | Compactness                     | Paper and board-Determination of thickness GB/T 451.3-2002                                                                                    |                                                                                                  | 2024-08-29     |
|   |             | 5              | Brightness(whitenes s)          | Paper,board and pulps-Measurement of diffuse blue reflectance factor-D65 brightness(Diff/Geometry,Outdoor daylight conditions) GB/T 7974-2013 |                                                                                                  | 2024-08-29     |
|   |             | 6              | Smoothness                      | Paper and board-Determination of smoothness(Bekk method) GB/T 456-2002                                                                        |                                                                                                  | 2024-08-29     |
|   |             | 7              | Tensile properties              | Paper and board-Determination of tensile properties-Constant rate of elongation method(20mm/min) GB/T 12914-2018                              |                                                                                                  | 2024-08-29     |
|   |             | 8              | Tearing resistance              | Paper and board determination of tearing resistance GB/T 455-2002                                                                             |                                                                                                  | 2024-08-29     |
|   |             | 9              | Moisture content                | Paper, board and pulp-Determination of moisture content pf analytical sample GB/T 462-2023                                                    |                                                                                                  | 2024-08-29     |
|   |             | 10             | Appearance quality              | Thermal paper GB/T 28210-2011 5.14                                                                                                            |                                                                                                  | 2024-08-29     |



No. CNAS L1527

The scope of the accreditation in Chinese remains the definitive version.

| №  | Test Object    | Item/Parameter |                         | Standard or Method                                                                                                                            | Note                      | Effective Date |
|----|----------------|----------------|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|----------------|
|    |                | №              | Item/ Parameter         |                                                                                                                                               |                           |                |
| 19 | glassine paper | 1              | Part of Parameters      | Glassine paper GB/T 29282-2012                                                                                                                | Except for oil absorbency | 2024-08-29     |
|    |                | 2              | Grammage                | Paper and board-Part 2: Determination of grammage GB/T 451.2-2023                                                                             |                           | 2024-08-29     |
|    |                | 3              | Compactness             | Paper and board-Determination of thickness GB/T 451.3-2002                                                                                    |                           | 2024-08-29     |
|    |                | 4              | Tearing resistance      | Paper and board determination of tearing resistance GB/T 455-2002                                                                             |                           | 2024-08-29     |
|    |                | 5              | Tensile properties      | Paper and board-Determination of tensile properties-Constant rate of elongation method(20mm/min) GB/T 12914-2018                              |                           | 2024-08-29     |
|    |                | 6              | Transmittance           | Paper-Determination of transmittance-Diffuse reflectance measurement GB/T 2679.1-2020                                                         |                           | 2024-08-29     |
|    |                | 7              | Smoothness              | Paper and board-Determination of smoothness(Bekk method) GB/T 456-2002                                                                        |                           | 2024-08-29     |
|    |                | 8              | Brightness(whiteness)   | Paper,board and pulps-Measurement of diffuse blue reflectance factor-D65 brightness(Diff/Geometry,Outdoor daylight conditions) GB/T 7974-2013 |                           | 2024-08-29     |
|    |                | 9              | Gloss                   | Paper and board-Measurement of specular gloss GB/T 8941-2013                                                                                  |                           | 2024-08-29     |
|    |                | 10             | Moisture content        | Paper, board and pulp-Determination of moisture content of analytical sample GB/T 462-2023                                                    |                           | 2024-08-29     |
|    |                | 11             | Dirt                    | Paper and board-Determination of dirt GB/T 1541-2013                                                                                          |                           | 2024-08-29     |
|    |                | 12             | Size and size deviation | Paper and board-Determination of size and deviation GB/T 451.1-2002                                                                           |                           | 2024-08-29     |
|    |                | 13             | Appearance quality      | Glassine paper GB/T 29282-2012 5.14                                                                                                           |                           | 2024-08-29     |
| 20 | offset paper   | 1              | Part of Parameters      | Offset paper GB/T 30130-2023                                                                                                                  | Except for:               | 2024-08-29     |



No. CNAS L1527

第 58 页 共 84 页

The scope of the accreditation in Chinese remains the definitive version.

| № | Test Object | Item/Parameter |                             | Standard or Method                                                                                                                            | Note               | Effective Date |
|---|-------------|----------------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------------|
|   |             | №              | Item/ Parameter             |                                                                                                                                               |                    |                |
|   |             |                |                             |                                                                                                                                               | Bendtsen roughness |                |
|   |             | 2              | Grammage                    | Paper and board-Part 2: Determination of grammage GB/T 451.2-2023                                                                             |                    | 2024-08-29     |
|   |             | 3              | Thickness                   | Paper and board-Determination of thickness GB/T 451.3-2002                                                                                    |                    | 2024-08-29     |
|   |             | 4              | Brightness                  | Paper,board and pulps-Measurement of diffuse blue reflectance factor-D65 brightness(Diff/Geometry,Outdoor daylight conditions) GB/T 7974-2013 |                    | 2024-08-29     |
|   |             | 5              | The color difference        | Paper and board-Determination of color(diffuse reflectance method) GB/T 7975-2005                                                             |                    | 2024-08-29     |
|   |             | 6              | Opacity                     | Paper and board-Determination of opacity (paper backing) - Diffuse reflectance method GB/T 1543-2005                                          |                    | 2024-08-29     |
|   |             | 7              | Water absorption            | Paper and board-Determination of water absorption-Cobb method GB/T 1540-2002                                                                  |                    | 2024-08-29     |
|   |             | 8              | Tensile index               | Paper and board-Determination of tensile properties-Constant rate of elongation method(20mm/min) GB/T 12914-2018                              |                    | 2024-08-29     |
|   |             | 9              | Folding endurance           | Paper and board-Determination of folding endurance GB/T 457-2008                                                                              |                    | 2024-08-29     |
|   |             | 10             | Smoothness                  | Paper and board-Determination of smoothness(Bekk method) GB/T 456-2002                                                                        |                    | 2024-08-29     |
|   |             | 11             | Demensional instability(CD) | Paper and board-Determination of demensional instability GB/T 459-2002                                                                        |                    | 2024-08-29     |
|   |             | 12             | Dirt                        | Paper and board-Determination of dirt GB/T 1541-2013                                                                                          |                    | 2024-08-29     |
|   |             | 13             | Moisture content            | Paper, board and pulp-Determination of moisture content pf analytical sample GB/T 462-2023                                                    |                    | 2024-08-29     |
|   |             | 14             | Size and deviation          | Paper and board-Determination of size and deviation GB/T 451.1-2002                                                                           |                    | 2024-08-29     |



No. CNAS L1527

第 59 页 共 84 页

The scope of the accreditation in Chinese remains the definitive version.

| №                                              | Test Object | Item/Parameter |                           | Standard or Method                                                         | Note                                                                                              | Effective Date |
|------------------------------------------------|-------------|----------------|---------------------------|----------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------|
|                                                |             | №              | Item/ Parameter           |                                                                            |                                                                                                   |                |
|                                                |             | 15             | Appearance quality        | Offset paper GB/T 30130-2013 6.18                                          |                                                                                                   | 2024-08-29     |
|                                                |             | 16             | Printing surface strength | Paper and board-Determination of printing surface strength GB/T 22365-2008 |                                                                                                   | 2024-08-29     |
|                                                |             | 17             | Grammage deviation        | Paper and board-Part 2: Determination of grammage GB/T 451.2-2023          |                                                                                                   | 2024-08-29     |
| 四、Automotive interior materials and components |             |                |                           |                                                                            |                                                                                                   |                |
| 8、Automotive interior materials                |             |                |                           |                                                                            |                                                                                                   |                |
| 1                                              |             | 1              | Lead                      | Test methods of lead and cadmium in automobiles materials QC/T 943-2013    | Accrdited only for AAS and ICP-OES                                                                | 2024-08-29     |
|                                                |             | 2              | Cadmium                   | Test methods of lead and cadmium in automobiles materials QC/T 943-2013    | Accrdited only for AAS and ICP-OES                                                                | 2024-08-29     |
|                                                |             | 3              | Hexavalent chromium       | Test methods of hexavalent chromium in automobiles materials QC/T 942-2021 | Accredited only for the Cr(VI) of polymer, electric materials and leather. Accredited only for UV | 2024-08-29     |
|                                                |             | 4              | Mercury                   | Test methods of mercury in automobiles materials QC/T 941-2013             | Accredited only for AFS and                                                                       | 2024-08-29     |



No. CNAS L1527

The scope of the accreditation in Chinese remains the definitive version.

| № | Test Object | Item/Parameter |                                   | Standard or Method                                                                                                                             | Note                               | Effective Date |
|---|-------------|----------------|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|----------------|
|   |             | №              | Item/ Parameter                   |                                                                                                                                                |                                    |                |
|   |             |                |                                   |                                                                                                                                                | ICP-OES                            |                |
|   |             | 5              | Polybrominated biphenyls          | The methods of polybrominated biphenyls and polybrominated diphenyl ethers in automotive materials QC/T 944-2013                               | Accredited only for GC-MS          | 2024-08-29     |
|   |             | 6              | Polybrominated diphenyl ethers    | The methods of polybrominated biphenyls and polybrominated diphenyl ethers in automotive materials QC/T 944-2013                               | Accredited only for GC-MS          | 2024-08-29     |
|   |             | 7              | Flammability                      | Road vehicles, and tractors and machinery for agriculture and forestry; determination of burning behaviour of interior materials ISO 3795:1989 |                                    | 2024-08-29     |
|   |             |                |                                   | Flammability of automotive interior materials GB 8410-2006                                                                                     |                                    | 2024-08-29     |
| 2 |             | 1              | Emission organischer Verbindungen | Nichtmetallische Werkstoffe der Kfz-Innenausstattung bestimmung der Emission organischer Verbindungen VDA 277:1995                             |                                    | 2024-08-29     |
|   |             |                |                                   | Test method for automotive interior material properties QC/T 236-2019 Appendix C                                                               |                                    | 2024-08-29     |
| 3 |             |                | All parameters                    | Requirments for prohibited substances on automobiles GB/T 30512-2014                                                                           |                                    | 2024-08-29     |
|   |             | 1              | Lead                              | Test methods of lead and cadmium in automobiles materials QC/T 943-2013                                                                        | Accrdited only for AAS and ICP-OES | 2024-08-29     |
|   |             | 2              | Cadmium                           | Test methods of lead and cadmium in automobiles materials QC/T 943-2013                                                                        | Accrdited only for AAS and ICP-OES | 2024-08-29     |
|   |             | 3              | Hexavalent chromium               | Test methods of hexavalent chromium in automobiles materials QC/T 942-2021                                                                     | Accredited only for the Cr(VI) of  | 2024-08-29     |



No. CNAS L1527

第 61 页 共 84 页

The scope of the accreditation in Chinese remains the definitive version.

| №                    | Test Object | Item/Parameter |                                         | Standard or Method                                                                                                                                              | Note                                                              | Effective Date |
|----------------------|-------------|----------------|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------|
|                      |             | №              | Item/ Parameter                         |                                                                                                                                                                 |                                                                   |                |
|                      |             |                |                                         |                                                                                                                                                                 | polymer, electronic materials and leather. Accredited only for UV |                |
|                      |             | 4              | Mercury                                 | Test methods of mercury in automobiles materials QC/T 941-2013                                                                                                  | Accredited only for AFS and ICP-OES                               | 2024-08-29     |
|                      |             | 5              | Polybrominated biphenyls                | The methods of polybrominated biphenyls and polybrominated diphenyl ethers in automotive materials QC/T 944-2013                                                | Accredited only for GC-MS                                         | 2024-08-29     |
|                      |             | 6              | Polybrominated diphenyl ethers          | The methods of polybrominated biphenyls and polybrominated diphenyl ethers in automotive materials QC/T 944-2013                                                | Accredited only for GC-MS                                         | 2024-08-29     |
| 9、Automotive plastic |             |                |                                         |                                                                                                                                                                 |                                                                   |                |
| 1                    |             | 1              | differential scanning calorimetry (DSC) | Plastics -- Differential scanning calorimetry (DSC) -- Part 1: General principles ISO 11357-1:2023                                                              |                                                                   | 2024-08-29     |
|                      |             |                |                                         | Plastics--Differential scanning calorimetry (DSC)--Part 1:General principles GB/T 19466.1-2004                                                                  |                                                                   | 2024-08-29     |
|                      |             | 2              | glass transition temperature            | Plastics -- Differential scanning calorimetry (DSC) -- Part 2: Determination of glass transition temperature and glass transition step height ISO 11357-2:2020  |                                                                   | 2024-08-29     |
|                      |             |                |                                         | Plastics -- Differential scanning calorimetry (DSC) -- Part 2: Determination of glass transition temperature and glass transition step height GB/T 19466.2-2004 |                                                                   | 2024-08-29     |
|                      |             | 3              | melting                                 | Plastics - Differential scanning calorimetry (DSC) - Part 3:                                                                                                    |                                                                   | 2024-08-29     |



No. CNAS L1527

第 62 页 共 84 页

The scope of the accreditation in Chinese remains the definitive version.

| № | Test Object | Item/Parameter |                             | Standard or Method                                                                                                                                      | Note | Effective Date |
|---|-------------|----------------|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
|   |             | №              | Item/ Parameter             |                                                                                                                                                         |      |                |
|   |             |                | temperatures                | Determination of temperature and enthalpy of melting and crystallization ISO 11357-3:2018                                                               |      |                |
|   |             |                |                             | Plastics - Differential scanning calorimetry (DSC) - Part 3: Determination of temperature and enthalpy of melting and crystallization GB/T 19466.3-2004 |      | 2024-08-29     |
|   |             | 4              | crystallization temperature | Plastics - Differential scanning calorimetry (DSC) - Part 3: Determination of temperature and enthalpy of melting and crystallization ISO 11357-3:2018  |      | 2024-08-29     |
|   |             |                |                             | Plastics - Differential scanning calorimetry (DSC) - Part 3: Determination of temperature and enthalpy of melting and crystallization GB/T 19466.3-2004 |      | 2024-08-29     |
|   |             | 5              | enthalpy                    | Plastics - Differential scanning calorimetry (DSC) - Part 3: Determination of temperature and enthalpy of melting and crystallization ISO 11357-3:2018  |      | 2024-08-29     |
|   |             |                |                             | Plastics - Differential scanning calorimetry (DSC) - Part 3: Determination of temperature and enthalpy of melting and crystallization GB/T 19466.3-2004 |      | 2024-08-29     |
|   |             | 6              | tensile stress at yield     | Plastics -- Determination of tensile properties -- Part 1: General principles ISO 527-1:2019                                                            |      | 2024-08-29     |
|   |             |                |                             | Plastics -- Determination of tensile properties -- Part 2: Test conditions for moulding and extrusion plastics ISO 527-2:2012                           |      | 2024-08-29     |
|   |             |                |                             | Plastics — Determination of tensile properties — Part 3: Test conditions for films and sheets ISO 527-3:2018                                            |      | 2024-08-29     |
|   |             |                |                             | Plastics--Determination of tensile properties- Part 1:General principles GB/T 1040.1-2018                                                               |      | 2024-08-29     |
|   |             |                |                             | Plastics—Determination of tensile properties—Part 2:Test conditions for moulding and extrusion plastics GB/T 1040.2-2022                                |      | 2024-08-29     |
|   |             |                |                             | Plastics—Determination of tensile properties—Part 3:Test conditions for films and sheets GB/T 1040.3-2006                                               |      | 2024-08-29     |



No. CNAS L1527

第 63 页 共 84 页

The scope of the accreditation in Chinese remains the definitive version.

| № | Test Object | Item/Parameter |                                                                                       | Standard or Method                                                                                                            | Note | Effective Date |
|---|-------------|----------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|------|----------------|
|   |             | №              | Item/ Parameter                                                                       |                                                                                                                               |      |                |
|   |             | 7              | Tensile stress at break                                                               | Plastics -- Determination of tensile properties -- Part 1: General principles ISO 527-1:2019                                  |      | 2024-08-29     |
|   |             |                |                                                                                       | Plastics -- Determination of tensile properties -- Part 2: Test conditions for moulding and extrusion plastics ISO 527-2:2012 |      | 2024-08-29     |
|   |             |                |                                                                                       | Plastics — Determination of tensile properties — Part 3: Test conditions for films and sheets ISO 527-3:2018                  |      | 2024-08-29     |
|   |             |                |                                                                                       | Plastics--Determination of tensile properties- Part 1:General principles GB/T 1040.1-2018                                     |      | 2024-08-29     |
|   |             |                |                                                                                       | Plastics—Determination of tensile properties—Part 2:Test conditions for moulding and extrusion plastics GB/T 1040.2-2022      |      | 2024-08-29     |
|   |             |                |                                                                                       | Plastics—Determination of tensile properties—Part 3:Test conditions for films and sheets GB/T 1040.3-2006                     |      | 2024-08-29     |
|   |             | 8              | Tensile strength                                                                      | Plastics -- Determination of tensile properties -- Part 1: General principles ISO 527-1:2019                                  |      | 2024-08-29     |
|   |             |                |                                                                                       | Plastics -- Determination of tensile properties -- Part 2: Test conditions for moulding and extrusion plastics ISO 527-2:2012 |      | 2024-08-29     |
|   |             |                |                                                                                       | Plastics — Determination of tensile properties — Part 3: Test conditions for films and sheets ISO 527-3:2018                  |      | 2024-08-29     |
|   |             |                |                                                                                       | Plastics--Determination of tensile properties- Part 1:General principles GB/T 1040.1-2018                                     |      | 2024-08-29     |
|   |             |                |                                                                                       | Plastics—Determination of tensile properties—Part 2:Test conditions for moulding and extrusion plastics GB/T 1040.2-2022      |      | 2024-08-29     |
|   |             |                |                                                                                       | Plastics—Determination of tensile properties—Part 3:Test conditions for films and sheets GB/T 1040.3-2006                     |      | 2024-08-29     |
|   |             | 9              | Tensile strain at break (nominal tensile strain at break or nominal tensile strain at | Plastics -- Determination of tensile properties -- Part 1: General principles ISO 527-1:2019                                  |      | 2024-08-29     |
|   |             |                |                                                                                       | Plastics -- Determination of tensile properties -- Part 2: Test conditions for moulding and extrusion plastics ISO 527-2:2012 |      | 2024-08-29     |
|   |             |                |                                                                                       | Plastics — Determination of tensile properties — Part 3: Test conditions for films and sheets ISO 527-3:2018                  |      | 2024-08-29     |



No. CNAS L1527

第 64 页 共 84 页

The scope of the accreditation in Chinese remains the definitive version.

| № | Test Object | Item/Parameter |                          | Standard or Method                                                                                                                                                  | Note                          | Effective Date |
|---|-------------|----------------|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|----------------|
|   |             | №              | Item/ Parameter          |                                                                                                                                                                     |                               |                |
|   |             |                | tensile strength)        | Plastics--Determination of tensile properties- Part 1:General principles GB/T 1040.1-2018                                                                           |                               | 2024-08-29     |
|   |             |                |                          | Plastics—Determination of tensile properties—Part 2:Test conditions for moulding and extrusion plastics GB/T 1040.2-2022                                            |                               | 2024-08-29     |
|   |             |                |                          | Plastics—Determination of tensile properties—Part 3:Test conditions for films and sheets GB/T 1040.3-2006                                                           |                               | 2024-08-29     |
|   |             | 10             | Flexural properties      | Plastics -- Determination of flexural properties ISO 178: 2019                                                                                                      |                               | 2024-08-29     |
|   |             |                |                          | Plastics--Determination of flexural properties GB/T 9341-2008                                                                                                       |                               | 2024-08-29     |
|   |             | 11             | flexural modulus         | Plastics -- Determination of flexural properties ISO 178: 2019                                                                                                      |                               | 2024-08-29     |
|   |             |                |                          | Plastics--Determination of flexural properties GB/T 9341-2008                                                                                                       |                               | 2024-08-29     |
|   |             | 12             | Charpy impact properties | Plastics -- Determination of Charpy impact properties -- Part 1: Non-instrumented impact test ISO 179-1:2023                                                        | Except for sample preparation | 2024-08-29     |
|   |             |                |                          | Plastics--Determination of charpy impact properties--Part 1:Non-instrumented impact test GB/T 1043.1-2008                                                           | Except for sample preparation | 2024-08-29     |
|   |             | 13             | Vicat softening          | Plastics -- Thermoplastic materials -- Determination of Vicat softening temperature (VST) ISO 306:2022                                                              |                               | 2024-08-29     |
|   |             |                |                          | Plastics--Thermoplastic materials--Determination of vicat softening temperature(VST) GB/T 1633-2000                                                                 |                               | 2024-08-29     |
|   |             | 14             | Shore hardness           | Plastics and ebonite; Determination of indentation hardness by means of a durometer (Shore hardness) ISO 868:2003                                                   |                               | 2024-08-29     |
|   |             |                |                          | Plastics and ebonite--Determination of indentation hardness by means of a durometer(shore hardness) GB/T 2411-2008                                                  |                               | 2024-08-29     |
|   |             | 15             | Density                  | Plastics -- Methods for determining the density of non-cellular plastics -- Part 1: Immersion method, liquid pycnometer method and titration method ISO 1183-1:2019 | Accredited only for method A  | 2024-08-29     |



No. CNAS L1527

第 65 页 共 84 页

The scope of the accreditation in Chinese remains the definitive version.

| № | Test Object | Item/Parameter |                      | Standard or Method                                                                                                                                                                     | Note                         | Effective Date |
|---|-------------|----------------|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|----------------|
|   |             | №              | Item/ Parameter      |                                                                                                                                                                                        |                              |                |
|   |             |                |                      | Plastics--Methods for determining the density of non-cellular plastics--Part 1: Immersion method, liquid pyknometer method and titration method GB/T 1033.1-2008                       | Accredited only for method A | 2024-08-29     |
|   |             | 16             | Ash                  | Plastics -- Determination of ash -- Part 1: General methods ISO 3451-1:2019                                                                                                            | Accredited only for method A | 2024-08-29     |
|   |             |                |                      | Textile-glass-reinforced plastics — Prepregs, moulding compounds and laminates — Determination of the textile-glass and mineral-filler content using calcination methods ISO 1172:2023 | Accredited only for method A | 2024-08-29     |
|   |             |                |                      | Plastics--Determination of ash--Part 1:General methods GB/T 9345.1-2008                                                                                                                | Accredited only for method A | 2024-08-29     |
|   |             | 17             | Compressive stress   | Plastics; Determination of compressive properties ISO 604:2002                                                                                                                         |                              | 2024-08-29     |
|   |             |                |                      | Plastics--Determination of compressive properties GB/T 1041-2008                                                                                                                       |                              | 2024-08-29     |
|   |             | 18             | Compressive strain   | Plastics; Determination of compressive properties ISO 604:2002                                                                                                                         |                              | 2024-08-29     |
|   |             |                |                      | Plastics--Determination of compressive properties GB/T 1041-2008                                                                                                                       |                              | 2024-08-29     |
|   |             | 19             | Compressive strength | Plastics; Determination of compressive properties ISO 604:2002                                                                                                                         |                              | 2024-08-29     |
|   |             |                |                      | Plastics--Determination of compressive properties GB/T 1041-2008                                                                                                                       |                              | 2024-08-29     |
|   |             | 20             | Water absorption     | Plastics--Determination of water absorption ISO 62:2008                                                                                                                                |                              | 2024-08-29     |
|   |             |                |                      | Plastics--Determination of water absorption GB/T 1034-2008                                                                                                                             |                              | 2024-08-29     |
|   |             | 21             | Right angle tear     | Plastics-Determination of right angle tear QB/T 1130-1991                                                                                                                              |                              | 2024-08-29     |



No. CNAS L1527

第 66 页 共 84 页

The scope of the accreditation in Chinese remains the definitive version.

| № | Test Object | Item/Parameter |                      | Standard or Method                                                                                                                        | Note                                                                   | Effective Date |
|---|-------------|----------------|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|----------------|
|   |             | №              | Item/ Parameter      |                                                                                                                                           |                                                                        |                |
|   |             | 22             | Xenon-arc weathering | (R) accelerated exposure of automotive interior trim components using a controlled irradiance xenon-arc apparatus SAE J2412:2015          | Expired standards, only applicable when referenced                     | 2024-08-29     |
|   |             |                |                      | Paints and varnishes--Artificial weathering and exposure to artificial radiation--Exposure to filtered xenon-arc radiation GB/T 1865-2009 |                                                                        | 2024-08-29     |
|   |             | 23             | Xenon-arc weathering | General test methods for automotive plastics QC/T 15-1992(2005) 5.1                                                                       | Expect for method B in 5.1                                             | 2024-08-29     |
|   |             |                |                      | Environmental testing - Part 2: Tests methods - Test N: Change of temperature GB/T 2423.22-2012                                           | Accredited only for texting Na, Temperature range: (-40~+150) °C       | 2024-08-29     |
|   |             | 24             | Stripping load       | Test method for peel force of flexible laminated plastics GB/T 8808-1988                                                                  |                                                                        | 2024-08-29     |
| 2 |             | 1              | Partial parameters   | Plastic weatherstrips for automobile QC/T 641-2005                                                                                        | Except for Insertion force, Withdrawal force, Flocking wear resistance | 2024-08-29     |



No. CNAS L1527

第 67 页 共 84 页

The scope of the accreditation in Chinese remains the definitive version.

| № | Test Object | Item/Parameter |                     | Standard or Method                                                                                                            | Note                                               | Effective Date |
|---|-------------|----------------|---------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|----------------|
|   |             | №              | Item/ Parameter     |                                                                                                                               |                                                    |                |
|   |             | 2              | Appearance quality  | Plastic weatherstrips for automobile QC/T 641-2005 4.1                                                                        |                                                    | 2024-08-29     |
|   |             | 3              | Specification size  | Plastic weatherstrips for automobile QC/T 641-2005 4.2                                                                        |                                                    | 2024-08-29     |
|   |             | 4              | Shore hardness      | Plastics;Shore hardness test GB/T 2411-1980                                                                                   | Expired standards, only applicable when referenced | 2024-08-29     |
|   |             | 5              | Tensile strength    | Plastics-Determination of tensile properties GB/T 1040-1992                                                                   | Expired standards, only applicable when referenced | 2024-08-29     |
|   |             | 6              | Elongation at break | Plastics-Determination of tensile properties GB/T 1040-1992                                                                   | Expired standards, only applicable when referenced | 2024-08-29     |
|   |             | 7              | Hot air aging       | Plastics-Methods of exposure to thermal air GB/T 7141-1992                                                                    | Expired standards, only applicable when referenced | 2024-08-29     |
|   |             | 8              | Heating decrement   | Plastics-Homopolymer and copolymer resins of vinyl chloride-Determination of volatile matter (including water) GB/T 2914-1999 | Expired standards, only                            | 2024-08-29     |



No. CNAS L1527

第 68 页 共 84 页

The scope of the accreditation in Chinese remains the definitive version.

| № | Test Object | Item/Parameter |                           | Standard or Method                                                                                                                                                                                               | Note                                                                              | Effective Date |
|---|-------------|----------------|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------|
|   |             | №              | Item/ Parameter           |                                                                                                                                                                                                                  |                                                                                   |                |
|   |             |                |                           |                                                                                                                                                                                                                  | applicable when referenced                                                        |                |
|   |             | 9              | Embrittlement temperature | Test method for brittleness temperature of plastics by impact GB/T 5470-1985                                                                                                                                     | Expired standards, only applicable when referenced                                | 2024-08-29     |
|   |             | 10             | Thermal stability         | Determination of compounds and products based on vinyl chloride homopolymers and copolymers to evolve hydrogen chloride and any other acidic products at elevated temperatures-Congo red method GB/T 2917.1-2002 |                                                                                   | 2024-08-29     |
|   |             | 11             | Vicat temperature         | Plastics-Thermoplastic materials--Determination of vicat softening temperature(VST) GB/T 1633-2000                                                                                                               |                                                                                   | 2024-08-29     |
|   |             | 12             | Impact strength           | Plastics-Determination of charpy impact strength of rigid materials GB/T 1043-1993                                                                                                                               | Expired standards, only applicable when referenced; Except for sample preparation | 2024-08-29     |
|   |             | 13             | Light aging resistance    | Vehicle-Test method of exposure to artificial weathering-Sealing strips GB/T 12425-1990                                                                                                                          | Expired standards, only applicable when referenced                                | 2024-08-29     |



No. CNAS L1527

第 69 页 共 84 页

The scope of the accreditation in Chinese remains the definitive version.

| №                    | Test Object | Item/Parameter |                                                                                                         | Standard or Method                                                                                  | Note                                               | Effective Date |
|----------------------|-------------|----------------|---------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|----------------------------------------------------|----------------|
|                      |             | №              | Item/ Parameter                                                                                         |                                                                                                     |                                                    |                |
|                      |             | 14             | Ozone resistance                                                                                        | Rubber, vulcanized--To zone ageing--Static strain test method GB/T 7762-2003                        | Expired standards, only applicable when referenced | 2024-08-29     |
|                      |             | 15             | Pollution                                                                                               | Vehicle -- Test method of contact stain -- Sealing strips QC/T 643-2000                             |                                                    | 2024-08-29     |
| 10、Automotive rubber |             |                |                                                                                                         |                                                                                                     |                                                    |                |
| 1                    |             | 1              | Tensile stress at yield                                                                                 | Rubber, vulcanized or thermoplastic — Determination of tensile stress-strain properties ISO 37:2024 | Except for ring test pieces                        | 2024-08-29     |
|                      |             |                |                                                                                                         | Rubber,vulcanized or thermoplastic--Determination of tensile stress-strain properties GB/T 528-2009 | Except for ring test pieces                        | 2024-08-29     |
|                      |             | 2              | Tensile strength                                                                                        | Rubber, vulcanized or thermoplastic — Determination of tensile stress-strain properties ISO 37:2024 | Except for ring test pieces                        | 2024-08-29     |
|                      |             |                |                                                                                                         | Rubber,vulcanized or thermoplastic--Determination of tensile stress-strain properties GB/T 528-2009 | Except for ring test pieces                        | 2024-08-29     |
|                      |             | 3              | Tensile strain at break (nominal tensile strain at break or nominal tensile strain at tensile strength) | Rubber, vulcanized or thermoplastic — Determination of tensile stress-strain properties ISO 37:2024 | Except for ring test pieces                        | 2024-08-29     |
|                      |             |                |                                                                                                         | Rubber,vulcanized or thermoplastic--Determination of tensile stress-strain properties GB/T 528-2009 | Except for ring test pieces                        | 2024-08-29     |
|                      |             | 4              | Tensile strength at break                                                                               | Rubber, vulcanized or thermoplastic — Determination of tensile stress-strain properties ISO 37:2024 | Except for ring test                               | 2024-08-29     |
|                      |             |                |                                                                                                         |                                                                                                     |                                                    |                |



No. CNAS L1527

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| № | Test Object | Item/Parameter |                              | Standard or Method                                                                                                                                 | Note                                      | Effective Date |
|---|-------------|----------------|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------|
|   |             | №              | Item/ Parameter              |                                                                                                                                                    |                                           |                |
|   |             |                |                              | Rubber,vulcanized or thermoplastic--Determination of tensile stress-strain properties GB/T 528-2009                                                | pieces<br>Except for ring test pieces     | 2024-08-29     |
|   |             |                |                              | Rubber, vulcanized or thermoplastic -- Determination of tear strength - Part 1: Trouser, angle and crescent test pieces ISO 34-1:2022              |                                           | 2024-08-29     |
|   |             | 5              | Tear strength                | Rubber vulcanized or thermoplastic--Determination of tear strength(Trouser,angle and crescent test pieces) GB/T 529-2008                           |                                           | 2024-08-29     |
|   |             |                |                              | Rubber, vulcanized or thermoplastic — Determination of hardness — Part 4: Indentation hardness by durometer method (Shore hardness) ISO 48-4: 2018 | Accredited only for type A and type D     | 2024-08-29     |
|   |             | 6              | Shore hardness               | Rubber,vulcanized or thermoplastic--Determination of indentation hardness--Part 1:Duromerer method(Shore hardness) GB/T 531.1-2008                 | Accredited only for type A and type D     | 2024-08-29     |
|   |             |                |                              | Rubber, vulcanized or thermoplastic -- Accelerated ageing and heat resistance tests ISO 188:2023                                                   |                                           | 2024-08-29     |
|   |             | 7              | Accelerated ageing and heat  | Rubber, vulcanized or thermoplastic—Accelerated ageing and heat resistance tests GB/T 3512-2014                                                    |                                           | 2024-08-29     |
|   |             |                |                              | Rubber, vulcanized or thermoplastic -- Resistance to ozone cracking -- Part 1: Static and dynamic strain testing ISO 1431-1:2022                   | Accredited only for static strain testing | 2024-08-29     |
|   |             | 8              | Resistance to ozone cracking | Rubber,vulcanized or thermoplastic -- Resistance to ozone cracking -- Static strain testing GB/T 7762-2014                                         |                                           | 2024-08-29     |
|   |             |                |                              | Rubber weatherstrips for automobile QC/T 639-2004                                                                                                  | Except for polluting,                     | 2024-08-29     |
| 2 |             | 1              | Partial parameters           | Rubber weatherstrips for automobile QC/T 639-2004                                                                                                  | Except for polluting,                     | 2024-08-29     |



No. CNAS L1527

第 71 页 共 84 页

The scope of the accreditation in Chinese remains the definitive version.

| № | Test Object | Item/Parameter |                 | Standard or Method | Note                                                                                                                                                                                                                                                            | Effective Date |
|---|-------------|----------------|-----------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
|   |             | №              | Item/ Parameter |                    |                                                                                                                                                                                                                                                                 |                |
|   |             |                |                 |                    | Except for Compression set [(70±2)°C/96h], Compression load (squeezing force), Insertion force, Withdrawal force, Breakout force between dense rubber and sponge rubber, Binding force of connector/connection angle , Flocking wear resistance , Weather aging |                |

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No. CNAS L1527

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| № | Test Object | Item/Parameter |                     | Standard or Method                                                                                             | Note                                               | Effective Date |
|---|-------------|----------------|---------------------|----------------------------------------------------------------------------------------------------------------|----------------------------------------------------|----------------|
|   |             | №              | Item/ Parameter     |                                                                                                                |                                                    |                |
|   |             |                |                     |                                                                                                                | resistance of finished product                     |                |
|   |             | 2              | Appearance quality  | Rubber weatherstrips for automobile QC/T 639-2004 4.1                                                          |                                                    | 2024-08-29     |
|   |             | 3              | Specification size  | Rubber weatherstrips for automobile QC/T 639-2004 4.2                                                          |                                                    | 2024-08-29     |
|   |             | 4              | Hardness(Shore A)   | Rubber-Determination of indentation hardness by means of pocket hardness meters GB/T 531-1999 4.3.1            | Expired standards, only applicable when referenced | 2024-08-29     |
|   |             | 5              | Tensile strength    | Rubber,vulcanized or thermoplastic — Determination of tensile stress-strain properties GB/T 528-1998           | Expired standards, only applicable when referenced | 2024-08-29     |
|   |             | 6              | Elongation at break | Rubber,vulcanized or thermoplastic — Determination of tensile stress-strain properties GB/T 528-1998           | Expired standards, only applicable when referenced | 2024-08-29     |
|   |             | 7              | Hot air aging       | Rubber,vulcanized or thermoplastic-Accelerated ageing and heat resistance tests-Air-oven method GB/T 3512-2001 | Expired standards, only applicable when referenced | 2024-08-29     |



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No. CNAS L1527

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| № | Test Object | Item/Parameter |                             | Standard or Method                                                                                                          | Note                                               | Effective Date |
|---|-------------|----------------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|----------------|
|   |             | №              | Item/ Parameter             |                                                                                                                             |                                                    |                |
|   |             | 8              | Water resistance            | Rubber weatherstrips for automobile QC/T 639-2004 4.3.4                                                                     |                                                    | 2024-08-29     |
|   |             | 9              | Apparent density            | Latex foam-Determination of apparent density HG/T 3055-1988 (1997)                                                          | Expired standards, only applicable when referenced | 2024-08-29     |
|   |             | 10             | Compression set             | Rubber, Vulcanized or thermoplastic-Determination of compression set at ambient elevated or low temperatures GB/T 7759-1996 | Expired standards, only applicable when referenced | 2024-08-29     |
|   |             | 11             | Brittleness temperature     | Method of test for temperature limit of brittleness for vulcanized rubbers GB/T 1682-1994                                   | Expired standards, only applicable when referenced | 2024-08-29     |
|   |             | 12             | Ozone resistance            | Rubber, vulcanized-To zone ageing-Static strain test method GB/T 7762-2003                                                  | Expired standards, only applicable when referenced | 2024-08-29     |
|   |             | 13             | Corrosive                   | Rubber weatherstrips for automobile QC/T 639-2004 Annex A                                                                   |                                                    | 2024-08-29     |
|   |             | 14             | Low temperature performance | Rubber weatherstrips for automobile QC/T 639-2004 Annex B                                                                   |                                                    | 2024-08-29     |



No. CNAS L1527

第 74 页 共 84 页

The scope of the accreditation in Chinese remains the definitive version.

| №                                               | Test Object | Item/Parameter |                                        | Standard or Method                                                                                               | Note                                               | Effective Date |
|-------------------------------------------------|-------------|----------------|----------------------------------------|------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|----------------|
|                                                 |             | №              | Item/ Parameter                        |                                                                                                                  |                                                    |                |
|                                                 |             | 15             | Low temperature performance of coating | Rubber weatherstrips for automobile QC/T 639-2004 Annex B                                                        |                                                    | 2024-08-29     |
|                                                 |             | 16             | Light aging resistance                 | Rubber, vulcanized-Test method of resistance to artificial weathering (xenon are lamp) GB/T 12831-1991           | Expired standards, only applicable when referenced | 2024-08-29     |
| 11、Leather interior                             |             |                |                                        |                                                                                                                  |                                                    |                |
| 1                                               |             | 1              | thickness                              | Leather—Physical and mechanical tests—Determination of thickness QB/T 2709-2005                                  |                                                    | 2024-08-29     |
|                                                 |             |                |                                        | Leather—Physical and mechanical tests—Determination of thickness ISO 2589:2016                                   |                                                    | 2024-08-29     |
|                                                 |             | 2              | Abrasion resistance                    | Leather—Physical and mechanical tests—Determination of abrasion resistance QB/T 2726-2005                        |                                                    | 2024-08-29     |
|                                                 |             |                |                                        | Leather—Determination of abrasion resistance—Part 1:Taber method ISO 17076-1:2020                                |                                                    | 2024-08-29     |
|                                                 |             | 3              | Colour fastness to rubbing             | Leather—Tests for colour fastness—Colour fastness to cycles of to-and-fro rubbing QB/T 2537-2001                 |                                                    | 2024-08-29     |
|                                                 |             |                |                                        | Leather—Tests for colour fastness—Colour fastness to cycles of to-and-fro rubbing ISO 11640: 2018                |                                                    | 2024-08-29     |
|                                                 |             | 4              | Colour fastness to light               | Leather—Tests for colour fastness—Colour fastness to artificial light: xenon art fading lamp test QB/T 2727-2017 |                                                    | 2024-08-29     |
|                                                 |             | 5              | adhesion finish                        | Leather--Physical and mechanical tests--Tests for adhesion of finish GB/T 39452-2020                             |                                                    | 2024-08-29     |
| Leather—Test for adhesion finish ISO 11644:2022 |             |                |                                        | 2024-08-29                                                                                                       |                                                    |                |



No. CNAS L1527

第 75 页 共 84 页

The scope of the accreditation in Chinese remains the definitive version.

| № | Test Object        | Item/Parameter |                                          | Standard or Method                                                                                                 | Note             | Effective Date |
|---|--------------------|----------------|------------------------------------------|--------------------------------------------------------------------------------------------------------------------|------------------|----------------|
|   |                    | №              | Item/ Parameter                          |                                                                                                                    |                  |                |
|   |                    | 6              | tensile strength                         | Leather—Physical and mechanical tests—Determination of tensile strength and percentage extension QB/T 2710-2018    |                  | 2024-08-29     |
|   |                    |                |                                          | Leather—Physical and mechanical tests—Determination of tensile strength and percentage extension ISO 3376:2020     |                  | 2024-08-29     |
|   |                    | 7              | percentage extension                     | Leather—Physical and mechanical tests—Determination of tensile strength and percentage extension QB/T 2710-2018    |                  | 2024-08-29     |
|   |                    |                |                                          | Leather—Physical and mechanical tests—Determination of tensile strength and percentage extension ISO 3376:2020     |                  | 2024-08-29     |
|   |                    | 8              | tear load                                | Leather—Physical and mechanical tests—Determination of tear load—Double edge tear QB/T 2711-2005                   |                  | 2024-08-29     |
|   |                    | 9              | flex resistance                          | Leather—Physical and mechanical tests—Determination of flex resistance QB/T 2714-2018                              |                  | 2024-08-29     |
|   |                    | 10             | apparent density                         | Leather—Physical and mechanical tests—Determination of apparent density QB/T 2715-2005                             |                  | 2024-08-29     |
|   |                    |                |                                          | Leather—Physical and mechanical tests—Determination of apparent density ISO 2420:2017                              |                  | 2024-08-29     |
|   |                    | 11             | Shrinkage temperature                    | Leather—Physical and mechanical tests—Determination of shrinkage temperature QB/T 2713-2005                        |                  | 2024-08-29     |
|   |                    | 12             | Resistance to horizontal spread of flame | Leather - Physical and mechanical tests - Resistance to horizontal spread of flame QB/T 2729-2005                  |                  | 2024-08-29     |
|   |                    |                |                                          | Leather - Physical and mechanical tests - Determination of resistance to horizontal spread of flame ISO 17074-2006 |                  | 2024-08-29     |
|   |                    | 13             | formaldehyde content                     | Leather and fur—Chemical tests—Determination of formaldehyde content GB/T 19941.2-2019                             |                  | 2024-08-29     |
|   |                    | 14             | pH value                                 | Leather—Chemical tests—Determination of pH QB/T 2724-2018                                                          |                  | 2024-08-29     |
|   |                    |                |                                          | Leather—Chemical tests—Determination of pH ISO 4045:2018                                                           |                  | 2024-08-29     |
| 2 | Polyvinyl chloride |                | Part parameters                          | Polyvinyl chloride artificial leather GB/T 8948-2008                                                               | Except for: Cold | 2024-08-29     |



No. CNAS L1527

第 76 页 共 84 页

The scope of the accreditation in Chinese remains the definitive version.

| № | Test Object                  | Item/Parameter |                 | Standard or Method                           | Note                                                                                                                                                         | Effective Date |
|---|------------------------------|----------------|-----------------|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
|   |                              | №              | Item/ Parameter |                                              |                                                                                                                                                              |                |
|   | artificial leather           |                |                 |                                              | resistance<br>、 Aging property、<br>Bursting strength、<br>Low temperature flex resistance<br>、 Rubbing resistance<br>、 Sulfidation                            |                |
| 3 | Automotive uphostery leather |                | Part parameters | Automotive upholstery leather QB/T 2703-2020 | Except for:<br>Fodding characteristics、 Odour characteristics、<br>Forbidden azo dye、<br>resistance to high temperature<br>、 Stitch tear resistance<br>、 Flex | 2024-08-29     |



No. CNAS L1527

The scope of the accreditation in Chinese remains the definitive version.

| № | Test Object | Item/Parameter |                     | Standard or Method                                                                                              | Note                                                                                                                                                                                      | Effective Date |
|---|-------------|----------------|---------------------|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
|   |             | №              | Item/ Parameter     |                                                                                                                 |                                                                                                                                                                                           |                |
|   |             |                |                     |                                                                                                                 | resistance in low temperature<br>、 Seam fatigue resistance<br>、 Soiling、 Resistance to cleaning、 Resistance to wet heat、 Total volatile organic compounds<br>、 Heavy metals、 Chromium(VI) |                |
|   |             | 1              | Sensory requirement | Automotive upholstery leather QB/T 2703-2020 4.2                                                                |                                                                                                                                                                                           | 2024-08-29     |
|   |             | 2              | apparent density    | Leather—Physical and mechanical tests—Determination of apparent density QB/T 2715-2005                          |                                                                                                                                                                                           | 2024-08-29     |
|   |             | 3              | tensile stress      | Leather—Physical and mechanical tests—Determination of tensile strength and percentage extension QB/T 2710-2018 |                                                                                                                                                                                           | 2024-08-29     |
|   |             | 4              | tear load           | Leather—Physical and mechanical tests—Determination of tear load—Double edge tear QB/T 2711-2005                |                                                                                                                                                                                           | 2024-08-29     |



No. CNAS L1527

The scope of the accreditation in Chinese remains the definitive version.

| №                    | Test Object                      | Item/Parameter |                                       | Standard or Method                                                                                                       | Note                                                                                                     | Effective Date |
|----------------------|----------------------------------|----------------|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|----------------|
|                      |                                  | №              | Item/ Parameter                       |                                                                                                                          |                                                                                                          |                |
|                      |                                  | 5              | Colour fastness to rubbing            | Leather—Tests for colour fastness—Colour fastness to cycles of to-and-fro rubbing QB/T 2537-2001                         |                                                                                                          | 2024-08-29     |
|                      |                                  | 6              | flex resistance in normal temperature | Leather—Physical and mechanical tests—Determination of flex resistance QB/T 2714-2018                                    |                                                                                                          | 2024-08-29     |
|                      |                                  | 7              | Color fastness to artificial light    | Leather-Tests for color fastness- Color fastness to artificial light: xenon art fading lamp test QB/T 2727-2017 method 5 |                                                                                                          | 2024-08-29     |
|                      |                                  | 8              | Abrasion resistance                   | Leather—Physical and mechanical tests—Determination of abrasion resistance QB/T 2726-2005                                |                                                                                                          | 2024-08-29     |
|                      |                                  | 9              | adhesion finish                       | Leather--Physical and mechanical tests--Tests for adhesion of finish GB/T 39452-2020                                     |                                                                                                          | 2024-08-29     |
|                      |                                  | 10             | Flame retardancy                      | Leather - Physical and mechanical tests - Resistance to horizontal spread of flame QB/T 2729-2005                        |                                                                                                          | 2024-08-29     |
|                      |                                  | 11             | pH value                              | Leather—Chemical tests—Determination of pH QB/T 2724-2018                                                                |                                                                                                          | 2024-08-29     |
|                      |                                  | 12             | Dilution difference                   | Leather—Chemical tests—Determination of pH QB/T 2724-2018                                                                |                                                                                                          | 2024-08-29     |
|                      |                                  | 13             | Free formaldehyde                     | Leather and fur—Determination of formaldehyde content—Part 2:Colorimetric method GB/T 19941.2-2019                       |                                                                                                          | 2024-08-29     |
| 12、Automobile carpet |                                  |                |                                       |                                                                                                                          |                                                                                                          |                |
| 1                    | Coving Carpet used in Automotive |                | Part parameters                       | Coving Carpet used in Automotive QC/T 216-2019                                                                           | Except for: appearance, low temperature ball test, atomization performance, odour test, volatile organic | 2024-08-29     |



No. CNAS L1527

第 79 页 共 84 页

The scope of the accreditation in Chinese remains the definitive version.

| №                                   | Test Object | Item/Parameter |                                 | Standard or Method                                                                                                                                           | Note                                              | Effective Date |
|-------------------------------------|-------------|----------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|----------------|
|                                     |             | №              | Item/ Parameter                 |                                                                                                                                                              |                                                   |                |
|                                     |             |                |                                 |                                                                                                                                                              | compound                                          |                |
| 13、Textile fabrics inner decoration |             |                |                                 |                                                                                                                                                              |                                                   |                |
| 1                                   |             | 1              | Colour fastness to light        | Textiles-Test for colour fastness—colour fastness and ageing to artificial light at high temperatures:Xenon arc GB/T 16991-2008                              |                                                   | 2024-08-29     |
|                                     |             |                |                                 | Textiles-Tests for colour fastness—colour fastness to artificial light:Xenon arc fading lamp test GB/T 8427-2019                                             |                                                   | 2024-08-29     |
|                                     |             |                |                                 | Textiles—Tests for colour fastness—Part B06: Colour fastness and ageing to artificial light at high temperature: Xenon arc fading lamp test ISO 105-B06:2020 |                                                   | 2024-08-29     |
|                                     |             |                |                                 | Textiles—Tests for colour fastness—Part B02: Colour fastness to artificial light: Xenon arc fading lamp test ISO 105-B02:2014                                |                                                   | 2024-08-29     |
|                                     |             | 2              | Colour fastness to rubbing      | Textiles-Tests for colour fastness—Colour fastness to rubbing GB/T 3920-2008                                                                                 |                                                   | 2024-08-29     |
|                                     |             |                |                                 | Textiles-Tests for colour fastness-Part X12:Colour fastness to rubbing ISO 105-X12:2016                                                                      |                                                   | 2024-08-29     |
|                                     |             | 3              | Colour fastness to water        | Textiles-Tests for colour fastness—Colour fastness to water GB/T 5713-2013                                                                                   | Except for: instrument rating、single fiber lining | 2024-08-29     |
|                                     |             | 4              | Colour fastness to perspiration | Textiles-Tests for colour fastness—Colour fastness to perspiration GB/T 3922-2013                                                                            | Except for: instrument rating、single fiber lining | 2024-08-29     |
|                                     |             | 5              | Thickness                       | Determination of thickness of textiles and textile products GB/T 3820-1997                                                                                   |                                                   | 2024-08-29     |
|                                     |             |                |                                 |                                                                                                                                                              |                                                   |                |



No. CNAS L1527

The scope of the accreditation in Chinese remains the definitive version.

| № | Test Object | Item/Parameter |                                                           | Standard or Method                                                                                                                                   | Note                                    | Effective Date |
|---|-------------|----------------|-----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|----------------|
|   |             | №              | Item/ Parameter                                           |                                                                                                                                                      |                                         |                |
|   |             | 6              | Width and length                                          | Test method for automotive interior material properties QC/T 236-2019                                                                                |                                         | 2024-08-29     |
|   |             |                |                                                           | Textiles-Determination of thickness of textiles and textile products ISO 5084:1996                                                                   |                                         | 2024-08-29     |
|   |             |                |                                                           | Textiles-Fabrics-Determination of width and length GB/T 4666-2009                                                                                    |                                         | 2024-08-29     |
|   |             | 7              | Mass per unit area                                        | Textiles—Woven fabrics—Determination of mass per unit length and mass per unit area GB/T 4669-2008                                                   | Accredited only for: mass per unit area | 2024-08-29     |
|   |             |                |                                                           | Textiles—Woven fabrics—Determination of mass per unit length and mass per unit area ISO 3801:1977                                                    | Accredited only for: mass per unit area | 2024-08-29     |
|   |             | 8              | Elongation at constant load and residual deformation rate | Test method for automotive interior material properties QC/T 236-2019 Appendix A                                                                     |                                         | 2024-08-29     |
|   |             | 9              | Maximum force                                             | Textiles—Tensile properties of fabrics—Part 1:Determination of maximum force and elongation at maximum force using the strip method GB/T 3923.1-2013 |                                         | 2024-08-29     |
|   |             |                |                                                           | Textiles—Tensile properties of fabrics—Part 2:Determination of maximum force using the grab method GB/T 3923.2-2013                                  |                                         | 2024-08-29     |
|   |             |                |                                                           | Textiles-Tensile properties of fabrics-Part 1:Determination of maximum force and elongation at maximum force using the strip method ISO 13934-1:2013 |                                         | 2024-08-29     |
|   |             |                |                                                           | Textiles-Tensile properties of fabrics-Part 2:Determination of maximum force using the grab method ISO 13934-2:2014                                  |                                         | 2024-08-29     |
|   |             | 10             | Elongation at maximum force                               | Textiles—Tensile properties of fabrics—Part 1:Determination of maximum force and elongation at maximum force using the strip                         |                                         | 2024-08-29     |



No. CNAS L1527

第 81 页 共 84 页

The scope of the accreditation in Chinese remains the definitive version.

| № | Test Object | Item/Parameter |                               | Standard or Method                                                                                                                                               | Note | Effective Date |
|---|-------------|----------------|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
|   |             | №              | Item/ Parameter               |                                                                                                                                                                  |      |                |
|   |             | 11             | Tear force                    | method GB/T 3923.1-2013                                                                                                                                          |      |                |
|   |             |                |                               | Textiles-Tensile properties of fabrics-Part 1:Determination of maximum force and elongation at maximum force using the strip method ISO 13934-1:2013             |      | 2024-08-29     |
|   |             |                |                               | Textiles—Tear properties of fabrics—Part 2:Determination of tear force of trouser-shaped test specimens(Single tear method) GB/T 3917.2-2009                     |      | 2024-08-29     |
|   |             |                |                               | Textiles—Tear properties of fabrics—Part 3:Determination of tear force of trapezoid-shaped test specimens GB/T 3917.3-2009                                       |      | 2024-08-29     |
|   |             |                |                               | Textiles-Tear properties of fabrics-Part 2:Determination of tear force of trouser-shaped test specimens(Single tear method) ISO 13937-2:2000                     |      | 2024-08-29     |
|   |             |                |                               | Textiles-Tear properties of fabrics-Part 3:Determination of tear force of wing-shaped test specimens(Single tear method) ISO 13937-3:2000                        |      | 2024-08-29     |
|   |             | 12             | Maximum force to seam rupture | Textiles—Seam tensile properties of fabrics and made-up textile articles—Part 1:Determination of maximum force to seam rupture using the strip GB/T 13773.1-2008 |      | 2024-08-29     |
|   |             | 13             | Abrasion resistance           | Textiles-Determination of fabric propensity to surface fuzzing and to pilling—Part 2:Modfied Martindale method GB/T 4802.2-2008                                  |      | 2024-08-29     |
|   |             |                |                               | Textiles-Determination of abrasion resistance-Double-head method FZ/T 01128-2014                                                                                 |      | 2024-08-29     |
|   |             |                |                               | Test method for automotive interior material properties QC/T 236-2019 4.6                                                                                        |      | 2024-08-29     |
|   |             | 14             | Specimen breakdown            | Textiles—Determination of the abrasion resistance of fabrics by the Martindale method—Part 2:Determination of specimen breakdown GB/T 21196.2-2007               |      | 2024-08-29     |
|   |             |                |                               | Textiles-Determination of the abrasion resistance of fabrics by                                                                                                  |      | 2024-08-29     |



No. CNAS L1527

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| № | Test Object | Item/Parameter |                   | Standard or Method                                                                                                                             | Note                         | Effective Date |
|---|-------------|----------------|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|----------------|
|   |             | №              | Item/ Parameter   |                                                                                                                                                |                              |                |
|   |             |                |                   | the Martindale method-Part 2:Determination of specimen breakdown ISO 12947-2:2016                                                              |                              |                |
|   |             | 15             | Mass loss         | Textiles—Determination of the abrasion resistance of fabrics by the Martindale method—Part 3:Determination of mass loss GB/T 21196.3-2007      |                              | 2024-08-29     |
|   |             |                |                   | Textiles-Determination of the abrasion resistance of fabrics by the Martindale method-Part 3:Determination of mass loss ISO 12947-3:1998       |                              | 2024-08-29     |
|   |             | 16             | Appearance change | Textiles—Determination of the abrasion resistance of fabrics by the Martindale method—Part 4:Assessment of appearance change GB/T 21196.4-2007 |                              | 2024-08-29     |
|   |             |                |                   | Textiles-Determination of the abrasion resistance of fabrics by the Martindale method-Part 4:Assessment of appearance change ISO 12947-4:1998  |                              | 2024-08-29     |
|   |             | 17             | Oil repellency    | Textiles-Oil repellency—Hydrocarbon resistance test GB/T 19977-2014                                                                            |                              | 2024-08-29     |
|   |             | 18             | Water resistance  | Textiles-Testing and evaluation for water resistance-Spray test method GB/T 4745-2012                                                          |                              | 2024-08-29     |
|   |             | 19             | Soil release      | Textiles-Testing and evaluation for anti-soil properties-Soil release FZ/T 01118-2012                                                          | Accredited only for: Rubbing | 2024-08-29     |
|   |             | 20             | Seam fatigue      | Textile trim materials in the interior of automobiles—Test method for seam fatigue GB/T 32011-2015                                             |                              | 2024-08-29     |
|   |             | 21             | Formaldehyde      | Textiles-Determination of formaldehyde—Part 1:Free and hydrolyzed formaldehyde(water extraction method) GB/T 2912.1-2009                       |                              | 2024-08-29     |
|   |             |                |                   | Textiles-Determination of formaldehyde—Part 2:Released formaldehyde(vapour absorption method) GB/T 2912.2-2009                                 |                              | 2024-08-29     |
|   |             |                |                   | Test method for automotive interior material properties QC/T 236-2019 Appendix B                                                               |                              | 2024-08-29     |



No. CNAS L1527

第 83 页 共 84 页

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| № | Test Object                                                           | Item/Parameter |                 | Standard or Method                                                                    | Note                                       | Effective Date |
|---|-----------------------------------------------------------------------|----------------|-----------------|---------------------------------------------------------------------------------------|--------------------------------------------|----------------|
|   |                                                                       | №              | Item/ Parameter |                                                                                       |                                            |                |
| 2 | Woven fabrics and woven composite fabrics for automotive interior     |                | Part parameters | Woven fabrics and woven composite fabrics for automotive interior GB/T 33389-2016     | Except for: atomization performance、 odour | 2024-08-29     |
| 3 | Knitted fabrics and knitted composite fabrics for automotive interior |                | Part parameters | Knitted fabrics and knitted composite fabrics for automotive interior GB/T 33276-2016 | Except for: atomization performance、 odour | 2024-08-29     |



No. CNAS L1527