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Registration No. CNAS L4194

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

Effective Date: 2025-09-29      Expiry Date: 2030-11-18

## SCHEDULE 3 ACCREDITED TESTING SCOPE

| № | Test Object | Item/Parameter |                                             | Standard or Method                                                                                           | Note | Effective Date |
|---|-------------|----------------|---------------------------------------------|--------------------------------------------------------------------------------------------------------------|------|----------------|
|   |             | №              | Item/ Parameter                             |                                                                                                              |      |                |
| 1 |             | 1              | Visual inspection                           | Performance Specification for Automotive Electrical Connector Systems SAE/USCAR-2 REVISION 8 JUNE 2022 5.1.8 |      | 2025-09-29     |
|   |             | 2              | Circuit Continuity Monitoring               | Performance Specification for Automotive Electrical Connector Systems SAE/USCAR-2 REVISION 8 JUNE 2022 5.1.9 |      | 2025-09-29     |
|   |             | 3              | Terminal to Terminal Engage/Disengage Force | Performance Specification for Automotive Electrical Connector Systems SAE/USCAR-2 REVISION 8 JUNE 2022 5.2.1 |      | 2025-09-29     |
|   |             | 4              | Terminal Bend Resistance                    | Performance Specification for Automotive Electrical Connector Systems SAE/USCAR-2 REVISION 8 JUNE 2022 5.2.2 |      | 2025-09-29     |
|   |             | 5              | Dry Circuit Resistance                      | Performance Specification for Automotive Electrical Connector Systems SAE/USCAR-2 REVISION 8 JUNE 2022 5.3.1 |      | 2025-09-29     |
|   |             | 6              | Voltage Drop                                | Performance Specification for Automotive Electrical Connector Systems SAE/USCAR-2 REVISION 8 JUNE 2022 5.3.2 |      | 2025-09-29     |
|   |             | 7              | Maximum Test                                | Performance Specification for Automotive Electrical Connector                                                |      | 2025-09-29     |



No. CNAS L4194

第 1 页 共 14 页

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

| № | Test Object | Item/Parameter |                                                                                  | Standard or Method                                                                                           | Note                                                | Effective Date |
|---|-------------|----------------|----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|----------------|
|   |             | №              | Item/ Parameter                                                                  |                                                                                                              |                                                     |                |
|   |             |                | Current Capability                                                               | Systems SAE/USCAR-2 REVISION 8 JUNE 2022 5.3.3                                                               |                                                     |                |
|   |             | 8              | Current cycling                                                                  | Performance Specification for Automotive Electrical Connector Systems SAE/USCAR-2 REVISION 8 JUNE 2022 5.3.4 |                                                     | 2025-09-29     |
|   |             | 9              | Terminal - Connector Insertion/Retention and Forward Stop Force                  | Performance Specification for Automotive Electrical Connector Systems SAE/USCAR-2 REVISION 8 JUNE 2022 5.4.1 |                                                     | 2025-09-29     |
|   |             | 10             | Connector-Connector Mating/Unmating/retention/Lock Deflection Force (non-assist) | Performance Specification for Automotive Electrical Connector Systems SAE/USCAR-2 REVISION 8 JUNE 2022 5.4.2 |                                                     | 2025-09-29     |
|   |             | 11             | Connector to Connector Mate/Unmate Forces (mechanical assist)                    | Performance Specification for Automotive Electrical Connector Systems SAE/USCAR-2 REVISION 8 JUNE 2022 5.4.3 |                                                     | 2025-09-29     |
|   |             | 12             | Polarization Feature Effectiveness                                               | Performance Specification for Automotive Electrical Connector Systems SAE/USCAR-2 REVISION 8 JUNE 2022 5.4.4 |                                                     | 2025-09-29     |
|   |             | 13             | Miscellaneous Component Engage /Disengage Force                                  | Performance Specification for Automotive Electrical Connector Systems SAE/USCAR-2 REVISION 8 JUNE 2022 5.4.5 |                                                     | 2025-09-29     |
|   |             | 14             | Vibration/Mechanical Shock                                                       | Performance Specification for Automotive Electrical Connector Systems SAE/USCAR-2 REVISION 8 JUNE 2022 5.4.6 | Accredited only for: Vibration below 4T; Mechanical | 2025-09-29     |



No. CNAS L4194

第 2 页 共 14 页

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

| № | Test Object | Item/Parameter |                                                | Standard or Method                                                                                            | Note                                      | Effective Date |
|---|-------------|----------------|------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------|
|   |             | №              | Item/ Parameter                                |                                                                                                               |                                           |                |
|   |             |                |                                                |                                                                                                               | shock:<br>load below<br>25kg              |                |
|   |             | 15             | Connector-to-Connector Audible Click           | Performance Specification for Automotive Electrical Connector Systems SAE/USCAR-2 REVISION 8 JUNE 2022 5.4.7  |                                           | 2025-09-29     |
|   |             | 16             | Connector Drop Test                            | Performance Specification for Automotive Electrical Connector Systems SAE/USCAR-2 REVISION 8 JUNE 2022 5.4.8  |                                           | 2025-09-29     |
|   |             | 17             | Cavity Damage Susceptibility                   | Performance Specification for Automotive Electrical Connector Systems SAE/USCAR-2 REVISION 8 JUNE 2022 5.4.9  |                                           | 2025-09-29     |
|   |             | 18             | Terminal/Cavity Polarization Test              | Performance Specification for Automotive Electrical Connector Systems SAE/USCAR-2 REVISION 8 JUNE 2022 5.4.10 |                                           | 2025-09-29     |
|   |             | 19             | Connector Mounting Feature Mechanical Strength | Performance Specification for Automotive Electrical Connector Systems SAE/USCAR-2 REVISION 8 JUNE 2022 5.4.11 |                                           | 2025-09-29     |
|   |             | 20             | Mechanical Assist Integrity                    | Performance Specification for Automotive Electrical Connector Systems SAE/USCAR-2 REVISION 8 JUNE 2022 5.4.12 |                                           | 2025-09-29     |
|   |             | 21             | Connector Seal Retention (Unmated Connector)   | Performance Specification for Automotive Electrical Connector Systems SAE/USCAR-2 REVISION 8 JUNE 2022 5.4.13 |                                           | 2025-09-29     |
|   |             | 22             | Connector Seal Retention (Mated Connector)     | Performance Specification for Automotive Electrical Connector Systems SAE/USCAR-2 REVISION 8 JUNE 2022 5.4.14 |                                           | 2025-09-29     |
|   |             | 23             | Insulation Resistance                          | Performance Specification for Automotive Electrical Connector Systems SAE/USCAR-2 REVISION 8 JUNE 2022 5.5.1  |                                           | 2025-09-29     |
|   |             | 24             | Thermal Shock                                  | Performance Specification for Automotive Electrical Connector Systems SAE/USCAR-2 REVISION 8 JUNE 2022 5.6.1  | Accredited only for sample size less than | 2025-09-29     |

No. CNAS L4194

第 3 页 共 14 页



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

| № | Test Object | Item/Parameter |                              | Standard or Method                                                                                                                 | Note                                                 | Effective Date |
|---|-------------|----------------|------------------------------|------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|----------------|
|   |             | №              | Item/ Parameter              |                                                                                                                                    |                                                      |                |
|   |             |                |                              |                                                                                                                                    | 51*51*51cm                                           |                |
|   |             | 25             | Temperature/Humidity Cycling | Performance Specification for Automotive Electrical Connector Systems SAE/USCAR-2 REVISION 8 JUNE 2022 5.6.2                       | Accredited only for sample size less than 60*85*80cm | 2025-09-29     |
|   |             | 26             | High Temperature Exposure    | Performance Specification for Automotive Electrical Connector Systems SAE/USCAR-2 REVISION 8 JUNE 2022 5.6.3                       | Accredited only for sample size less than 60*95*50cm | 2025-09-29     |
|   |             | 27             | Fluid Resistance             | Performance Specification for Automotive Electrical Connector Systems SAE/USCAR-2 REVISION 8 JUNE 2022 5.6.4                       |                                                      | 2025-09-29     |
|   |             | 28             | Submersion                   | Performance Specification for Automotive Electrical Connector Systems SAE/USCAR-2 REVISION 8 JUNE 2022 5.6.5                       |                                                      | 2025-09-29     |
|   |             | 29             | Pressure/Vacuum Leak         | Performance Specification for Automotive Electrical Connector Systems SAE/USCAR-2 REVISION 8 JUNE 2022 5.6.6                       |                                                      | 2025-09-29     |
|   |             | 30             | High Pressure Spray          | Performance Specification for Automotive Electrical Connector Systems SAE/USCAR-2 REVISION 8 JUNE 2022 5.6.7                       | Only for sealed class S3 connectors.                 | 2025-09-29     |
|   |             | 31             | Header Pin Retention         | Performance Specification for Automotive Electrical Connector Systems SAE/USCAR-2 REVISION 8 JUNE 2022 5.7.1                       |                                                      | 2025-09-29     |
|   |             | 32             | Visual examination           | Connector used in automobile wire harness and electrical device Part1: Definition、test method and requirement QC/T 1067.1-2017 4.2 |                                                      | 2025-09-29     |



No. CNAS L4194

第 4 页 共 14 页

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

| № | Test Object | Item/Parameter |                                                               | Standard or Method                                                                                                                     | Note | Effective Date |
|---|-------------|----------------|---------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
|   |             | №              | Item/ Parameter                                               |                                                                                                                                        |      |                |
|   |             | 33             | Engage/Disengage Cycle                                        | Connector used in automobile wire harness and electrical device<br>Part1: Definition、test method and requirement QC/T 1067.1-2017 4.3  |      | 2025-09-29     |
|   |             | 34             | Terminal to Terminal Engage/Disengage Force                   | Connector used in automobile wire harness and electrical device<br>Part1: Definition、test method and requirement QC/T 1067.1-2017 4.4  |      | 2025-09-29     |
|   |             | 35             | Terminal Bend Resistance                                      | Connector used in automobile wire harness and electrical device<br>Part1: Definition、test method and requirement QC/T 1067.1-2017 4.5  |      | 2025-09-29     |
|   |             | 36             | Ferrule Retention Force                                       | Connector used in automobile wire harness and electrical device<br>Part1: Definition、test method and requirement QC/T 1067.1-2017 4.6  |      | 2025-09-29     |
|   |             | 37             | Micro Current Resistance                                      | Connector used in automobile wire harness and electrical device<br>Part1: Definition、test method and requirement QC/T 1067.1-2017 4.7  |      | 2024-09-14     |
|   |             | 38             | Voltage Drop                                                  | Connector used in automobile wire harness and electrical device<br>Part1: Definition、test method and requirement QC/T 1067.1-2017 4.8  |      | 2025-09-29     |
|   |             | 39             | Current Cycling                                               | Connector used in automobile wire harness and electrical device<br>Part1: Definition、test method and requirement QC/T 1067.1-2017 4.9  |      | 2025-09-29     |
|   |             | 40             | Shielding Layer Insulation Resisitance                        | Connector used in automobile wire harness and electrical device<br>Part1: Definition、test method and requirement QC/T 1067.1-2017 4.10 |      | 2025-09-29     |
|   |             | 41             | Treminal-Connector Insertion/Forward Stop and Retention Force | Connector used in automobile wire harness and electrical device<br>Part1: Definition、test method and requirement QC/T 1067.1-2017 4.11 |      | 2025-09-29     |



No. CNAS L4194

第 5 页 共 14 页

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



| № | Test Object | Item/Parameter |                                                                                  | Standard or Method                                                                                                                  | Note                                                                       | Effective Date |
|---|-------------|----------------|----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|----------------|
|   |             | №              | Item/ Parameter                                                                  |                                                                                                                                     |                                                                            |                |
|   |             | 42             | Connector-Connector Mating/Unmating/retention/Lock Deflection Force (non-assist) | Connector used in automobile wire harness and electrical device Part1: Definition、test method and requirement QC/T 1067.1-2017 4.12 |                                                                            | 2025-09-29     |
|   |             | 43             | Connector to Connector Mate/Unmate Force (mechanical assist)                     | Connector used in automobile wire harness and electrical device Part1: Definition、test method and requirement QC/T 1067.1-2017 4.13 |                                                                            | 2025-09-29     |
|   |             | 44             | Connector Anti-fault structure                                                   | Connector used in automobile wire harness and electrical device Part1: Definition、test method and requirement QC/T 1067.1-2017 4.14 |                                                                            | 2025-09-29     |
|   |             | 45             | TPA/PLR Insertion/Extraction Force                                               | Connector used in automobile wire harness and electrical device Part1: Definition、test method and requirement QC/T 1067.1-2017 4.15 |                                                                            | 2025-09-29     |
|   |             | 46             | CPA Insertion/Extraction Force                                                   | Connector used in automobile wire harness and electrical device Part1: Definition、test method and requirement QC/T 1067.1-2017 4.16 |                                                                            | 2025-09-29     |
|   |             | 47             | Vibration/Mechanical Shock                                                       | Connector used in automobile wire harness and electrical device Part1: Definition、test method and requirement QC/T 1067.1-2017 4.17 | Accredited only for: Vibration below 4T; Mechanical shock: load below 25kg | 2025-09-29     |



No. CNAS L4194

第 6 页 共 14 页

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

| № | Test Object | Item/Parameter |                                                | Standard or Method                                                                                                                  | Note | Effective Date |
|---|-------------|----------------|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
|   |             | №              | Item/ Parameter                                |                                                                                                                                     |      |                |
|   |             | 48             | Connector-to-Connector Audible Click           | Connector used in automobile wire harness and electrical device Part1: Definition、test method and requirement QC/T 1067.1-2017 4.18 |      | 2025-09-29     |
|   |             | 49             | Connector Drop Test                            | Connector used in automobile wire harness and electrical device Part1: Definition、test method and requirement QC/T 1067.1-2017 4.19 |      | 2025-09-29     |
|   |             | 50             | Cavity Damage Susceptibility                   | Connector used in automobile wire harness and electrical device Part1: Definition、test method and requirement QC/T 1067.1-2017 4.20 |      | 2025-09-29     |
|   |             | 51             | Terminal/Cavity Polarization Test              | Connector used in automobile wire harness and electrical device Part1: Definition、test method and requirement QC/T 1067.1-2017 4.21 |      | 2025-09-29     |
|   |             | 52             | Connector Mounting Feature Mechanical Strength | Connector used in automobile wire harness and electrical device Part1: Definition、test method and requirement QC/T 1067.1-2017 4.22 |      | 2025-09-29     |
|   |             | 53             | Mechanical Assist Strength                     | Connector used in automobile wire harness and electrical device Part1: Definition、test method and requirement QC/T 1067.1-2017 4.23 |      | 2025-09-29     |
|   |             | 54             | Connector Seal Retention (Unmated Connector)   | Connector used in automobile wire harness and electrical device Part1: Definition、test method and requirement QC/T 1067.1-2017 4.24 |      | 2025-09-29     |
|   |             | 55             | Connector Seal Retention (Mated Connector)     | Connector used in automobile wire harness and electrical device Part1: Definition、test method and requirement QC/T 1067.1-2017 4.25 |      | 2025-09-29     |
|   |             | 56             | Header Pin Retention                           | Connector used in automobile wire harness and electrical device Part1: Definition、test method and requirement QC/T 1067.1-2017 4.26 |      | 2025-09-29     |



No. CNAS L4194

第 7 页 共 14 页

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

| № | Test Object | Item/Parameter |                              | Standard or Method                                                                                                                     | Note                                                 | Effective Date |
|---|-------------|----------------|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|----------------|
|   |             | №              | Item/ Parameter              |                                                                                                                                        |                                                      |                |
|   |             | 57             | Insulation Resistance        | Connector used in automobile wire harness and electrical device<br>Part1: Definition、test method and requirement QC/T 1067.1-2017 4.27 |                                                      | 2025-09-29     |
|   |             | 58             | Dielectric Rigidity          | Connector used in automobile wire harness and electrical device<br>Part1: Definition、test method and requirement QC/T 1067.1-2017 4.28 |                                                      | 2025-09-29     |
|   |             | 59             | Thermal Shock                | Connector used in automobile wire harness and electrical device<br>Part1: Definition、test method and requirement QC/T 1067.1-2017 4.29 | Accredited only for sample size less than 51*51*51cm | 2025-09-29     |
|   |             | 60             | Temperature/Humidity Cycling | Connector used in automobile wire harness and electrical device<br>Part1: Definition、test method and requirement QC/T 1067.1-2017 4.30 | Accredited only for sample size less than 60*85*80cm | 2025-09-29     |
|   |             | 61             | Thermal Aging                | Connector used in automobile wire harness and electrical device<br>Part1: Definition、test method and requirement QC/T 1067.1-2017 4.31 | Accredited only for sample size less than 60*95*50cm | 2025-09-29     |
|   |             | 62             | Fluid Resistance             | Connector used in automobile wire harness and electrical device<br>Part1: Definition、test method and requirement QC/T 1067.1-2017 4.32 |                                                      | 2025-09-29     |
|   |             | 63             | Submersion                   | Connector used in automobile wire harness and electrical device<br>Part1: Definition、test method and requirement QC/T 1067.1-2017 4.33 |                                                      | 2025-09-29     |



No. CNAS L4194

第 8 页 共 14 页

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



| № | Test Object                     | Item/Parameter |                                            | Standard or Method                                                                                                                     | Note                                                 | Effective Date |
|---|---------------------------------|----------------|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|----------------|
|   |                                 | №              | Item/ Parameter                            |                                                                                                                                        |                                                      |                |
|   |                                 | 64             | Airtightness                               | Connector used in automobile wire harness and electrical device<br>Part1: Definition、test method and requirement QC/T 1067.1-2017 4.34 |                                                      | 2025-09-29     |
|   |                                 | 65             | High Pressure Spray                        | Connector used in automobile wire harness and electrical device<br>Part1: Definition、test method and requirement QC/T 1067.1-2017 4.35 |                                                      | 2025-09-29     |
|   |                                 | 66             | Salt Spray Test                            | Connector used in automobile wire harness and electrical device<br>Part1: Definition、test method and requirement QC/T 1067.1-2017 4.36 | Accredited only for sample size less than 90*60*50cm | 2025-09-29     |
|   |                                 | 67             | Dust Resisittance                          | Connector used in automobile wire harness and electrical device<br>Part1: Definition、test method and requirement QC/T 1067.1-2017 4.37 | Accredited only for sample size less than 1m*1m*1m   | 2025-09-29     |
| 2 | Automotive electronic connector | 1              | Dimensions                                 | Motor Vehicle ConnectorsTests VW 75174:2018 TG 1                                                                                       |                                                      | 2025-09-29     |
|   |                                 | 2              | Contact overlap                            | Motor Vehicle ConnectorsTests VW 75174:2018 TG 4                                                                                       |                                                      | 2025-09-29     |
|   |                                 | 3              | Mechanical and thermal relaxation behavior | Motor Vehicle ConnectorsTests VW 75174:2018 TG 5                                                                                       |                                                      | 2025-09-29     |
|   |                                 | 4              | Dynamic loading                            | Motor Vehicle ConnectorsTests VW 75174:2018 TG 17                                                                                      | Accredited only for: Severity 1-2; Vibration         | 2025-09-29     |



No. CNAS L4194

第 9 页 共 14 页

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

| № | Test Object | Item/Parameter |                       | Standard or Method                                                                                                                       | Note                                                               | Effective Date |
|---|-------------|----------------|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|----------------|
|   |             | №              | Item/ Parameter       |                                                                                                                                          |                                                                    |                |
|   |             |                |                       |                                                                                                                                          | below 4T;<br>Mechanical shock:<br>load below 25kg                  |                |
|   |             | 5              | Insulation resistance | Electrical and Electronic Components in Motor Vehicles up to 3.5 t General Requirements, Test Conditions, and Tests VW 80000:2022 5.4.20 |                                                                    | 2025-09-29     |
|   |             | 6              | Dielectric strength   | Electrical and Electronic Components in Motor Vehicles up to 3.5 t General Requirements, Test Conditions, and Tests VW 80000:2022 5.4.22 |                                                                    | 2025-09-29     |
|   |             | 7              | Free fall             | Electrical and Electronic Components in Motor Vehicles up to 3.5 t General Requirements, Test Conditions, and Tests VW 80000:2022 5.5.1  |                                                                    | 2025-09-29     |
|   |             | 8              | Dust test             | Electrical and Electronic Components in Motor Vehicles up to 3.5 t General Requirements, Test Conditions, and Tests VW 80000:2022 5.5.3  | Accredited only for sample size less than 1m*1m*1m                 | 2025-09-29     |
|   |             | 9              | Vibration test        | Electrical and Electronic Components in Motor Vehicles up to 3.5 t General Requirements, Test Conditions, and Tests VW 80000:2022 5.5.4  | Accredited only for:<br>Vibration profile A;<br>Vibration below 4T | 2025-09-29     |
|   |             | 10             | Mechanical shock      | Electrical and Electronic Components in Motor Vehicles up to 3.5 t General Requirements, Test Conditions, and Tests VW 80000:2022 5.5.5  | Accredited only for:<br>Mechanical shock:                          | 2025-09-29     |



No. CNAS L4194

第 10 页 共 14 页

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

| № | Test Object | Item/Parameter |                                                               | Standard or Method                                                                                                                     | Note                                                                            | Effective Date |
|---|-------------|----------------|---------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|----------------|
|   |             | №              | Item/ Parameter                                               |                                                                                                                                        |                                                                                 |                |
|   |             |                |                                                               |                                                                                                                                        | load below 25kg                                                                 |                |
|   |             | 11             | Protection against foreign objects - IP0x to IP4x, A, B, C, D | Electrical and Electronic Components in Motor Vehicles up to 3.5 tGeneral Requirements, Test Conditions, and Tests VW 80000:2022 5.5.8 | Accredited only for: IPXXB, IPXXD                                               | 2025-09-29     |
|   |             | 12             | High-/low-temperature aging                                   | Electrical and Electronic Components in Motor Vehicles up to 3.5 tGeneral Requirements, Test Conditions, and Tests VW 80000:2022 5.6.1 | Accredited only for : Tmin=-40°C, Tmax=180 °C; sample size less than 60*85*80cm | 2025-09-29     |
|   |             | 13             | Low-temperature operation                                     | Electrical and Electronic Components in Motor Vehicles up to 3.5 tGeneral Requirements, Test Conditions, and Tests VW 80000:2022 5.6.3 | Accredited only for : Tmin=-40°C; sample size less than 60*85*80cm              | 2025-09-29     |
|   |             | 14             | Thermal shock (component)                                     | Electrical and Electronic Components in Motor Vehicles up to 3.5 tGeneral Requirements, Test Conditions, and Tests VW 80000:2022 5.6.5 | Accredited only for : Tmin=-40°C, Tmax=175                                      | 2025-09-29     |



No. CNAS L4194

第 11 页 共 14 页

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

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|   |             | №              | Item/ Parameter                                  |                                                                                                                                         |                                                        |                |
|   |             |                |                                                  |                                                                                                                                         | °C; sample size less than 51*51*51cm                   |                |
|   |             | 15             | Salt spray test with operation, vehicle exterior | Electrical and Electronic Components in Motor Vehicles up to 3.5 tGeneral Requirements, Test Conditions, and Tests VW 80000:2022 5.6.6  | Accredited only for : sample size less than 90*60*50cm | 2025-09-29     |
|   |             | 16             | Damp heat, cyclic                                | Electrical and Electronic Components in Motor Vehicles up to 3.5 tGeneral Requirements, Test Conditions, and Tests VW 80000:2022 5.6.8  | Accredited only for : sample size less than 60*85*80cm | 2025-09-29     |
|   |             | 17             | Damp heat, cyclic (with frost)                   | Electrical and Electronic Components in Motor Vehicles up to 3.5 tGeneral Requirements, Test Conditions, and Tests VW 80000:2022 5.6.9  | Accredited only for : sample size less than 60*85*80cm | 2025-09-29     |
|   |             | 18             | High-pressure/steam-jet cleaning                 | Electrical and Electronic Components in Motor Vehicles up to 3.5 tGeneral Requirements, Test Conditions, and Tests VW 80000:2022 5.6.11 |                                                        | 2025-09-29     |
|   |             | 19             | Damp heat, constant                              | Electrical and Electronic Components in Motor Vehicles up to 3.5 tGeneral Requirements, Test Conditions, and Tests VW 80000:2022 5.6.14 | Accredited only for : sample size less than 60*85*80cm | 2025-09-29     |



No. CNAS L4194

第 12 页 共 14 页

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

| № | Test Object | Item/Parameter |                                                          | Standard or Method                                                                                                                     | Note                                                                            | Effective Date |
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|   |             | №              | Item/ Parameter                                          |                                                                                                                                        |                                                                                 |                |
|   |             |                |                                                          |                                                                                                                                        | m                                                                               |                |
|   |             | 20             | Chemical tests                                           | Electrical and Electronic Components in Motor Vehicles up to 3.5 tGeneral Requirements, Test Conditions, and Tests VW 80000:2022 5.7.1 |                                                                                 | 2025-09-29     |
|   |             | 21             | Service life test - high-temperature durability testing  | Electrical and Electronic Components in Motor Vehicles up to 3.5 tGeneral Requirements, Test Conditions, and Tests VW 80000:2022 5.8.2 | Accredited only for : Tmax=180 °C; sample size less than 60*85*80cm             | 2025-09-29     |
|   |             | 22             | Service life test – Temperature cycle durability testing | Electrical and Electronic Components in Motor Vehicles up to 3.5 tGeneral Requirements, Test Conditions, and Tests VW 80000:2022 5.8.3 | Accredited only for : Tmin=-40°C, Tmax=180 °C; sample size less than 60*85*80cm | 2025-09-29     |
|   |             | 23             | Thermal simulation                                       | Requirements on 12-V Electrical Distribution Systems VW 80107: 2023 2.5.1                                                              |                                                                                 | 2025-09-29     |
|   |             | 24             | Vibration testing as per VW 80200-2                      | Requirements on 12-V Electrical Distribution Systems VW 80107: 2023 2.6.2.1                                                            | Accredited only for: Vibration below 4T                                         | 2025-09-29     |



No. CNAS L4194

第 13 页 共 14 页

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



| № | Test Object | Item/Parameter |                                                                 | Standard or Method                                                          | Note | Effective Date |
|---|-------------|----------------|-----------------------------------------------------------------|-----------------------------------------------------------------------------|------|----------------|
|   |             | №              | Item/ Parameter                                                 |                                                                             |      |                |
|   |             | 25             | Installation and removal of all constituent parts of the ASSY   | Requirements on 12-V Electrical Distribution Systems VW 80107: 2023 2.7.2.1 |      | 2025-09-29     |
|   |             | 26             | Mechanical strength of bolts, nuts, and sleeves                 | Requirements on 12-V Electrical Distribution Systems VW 80107: 2023 2.7.2.2 |      | 2025-09-29     |
|   |             | 27             | Insertion and removal forces of individual components           | Requirements on 12-V Electrical Distribution Systems VW 80107: 2023 2.7.2.3 |      | 2025-09-29     |
|   |             | 28             | Derating on new parts, current bridges, and individual contacts | Requirements on 12-V Electrical Distribution Systems VW 80107: 2023 2.9.1   |      | 2025-09-29     |
|   |             | 29             | General requirements for voltage drop and test current          | Requirements on 12-V Electrical Distribution Systems VW 80107: 2023 3.1     |      | 2025-09-29     |
|   |             | 30             | Continuous temperature measurement                              | Requirements on 12-V Electrical Distribution Systems VW 80107: 2023 3.2     |      | 2025-09-29     |
|   |             | 31             | Mechanical testing of clinched connections                      | Requirements on 12-V Electrical Distribution Systems VW 80107: 2023 3.5     |      | 2025-09-29     |



No. CNAS L4194

第 14 页 共 14 页

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