# CERTIFICATE OF ACCREDITATION

*This is to attest*

## PT. SGS INDONESIA

JL. DIPONEGORO NO 247 UNGARAN
SEMARANG, 50512, INDONESIA

**Testing Laboratory TL-1483**

has met the requirements of AC89, *IAS Accreditation Criteria for Testing Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2017, *General requirements for the competence of testing and calibration laboratories.* This organization is accredited to provide the services specified in the scope of accreditation.

Effective Date November 2, 2026

International Accreditation Service
Issued under the authority of IAS management

Visit www.iasonline.org for current accreditation information.

# SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 101, Brea, California 92821, U.S.A. | www.iasonline.org

## PT. SGS INDONESIA

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*Accredited to ISO/IEC 17025:2017* *Effective Date November 2, 2026*

| FIELDS OF TESTING | MATERIAL/ MATRIX | DETERMINANT(S)/ ANALYTE(S) | METHOD REFERENCE |
|---|---|---|---|
| **Electrical - Consumer Products** | Seasonal and Holiday Decorative Products | Wire Type and Overcurrent Protection | UL 588:2025, Section 6.2 |
| | | Overcurrent Protection Requirements | UL 588:2023, Section 7.3 |
| | | Fuse holder and Fuse Specifications | UL 588:2023, Section 7.6 |
| | | Spare Fuse Requirements and Attachment | UL 588:2023, Section 7.7 |
| | | Mechanical Assembly (Switches, Receptacles, Lamp holders) | UL 588:2025, Section 9.6 |
| | | Accessibility of Live Parts | UL 588:2025, Section 12 |
| | Flexible Cord / Power Supply Cord | Cord Construction & Flexing | UL 588:2025, Section 13.2.3 |
| | Wire Assembly | Wire Construction & Insulation | UL 588:2025, Section 13.2.4 |
| | Attachment Plugs & Current Taps | Attachment Plug, Current Tap & Load Fitting Integrity | UL 588:2025, Section 13.3.2 |
| | Plugs & Power Inlets | Polarization & Fitting Safety | UL 588:2025, Section 13.4.1 |
| | Seasonal Lighting Assembly | Strain Relief (General Assembly) | UL 588:2025, Section 15.1 |
| | Flexible Cord / Internal Wiring | Strain Relief (Cord Retention) | UL 588:2025, Section 15.2 |
| | Lamp holders | Strain Relief (Lamp holder Retention) | UL 588:2025, Section 15.3 |
| | Lamp holders (General) | General Construction Requirements | UL 588:2025, Section 22.1.1 |
| | Candelabra / Intermediate Screw Lamp holders | Lamp holder Construction (Candelabra / Intermediate) | UL 588:2025, Section 22.1.2 |
| | Medium Screw Lamp holders | Lamp holder Construction (Medium Screw) | UL 588:2025, Section 22.1.3 |

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|---|---|---|---|
| **Electrical - Consumer Products** (cont'd.) | Outdoor Series-Connected Lamp holders | Water Drainage / Drain hole Integrity | UL 588:2025, Section 22.2.2.2 |
| | Lamps / Light Bulbs | Lamping Specification & Rating Verification | UL 588:2025, Section 24 |
| | Seasonal Decorative Lighting | Leakage Current | UL 588:2025, Section 40 |
| | | Electrical Input (Voltage, Current, Wattage) | UL 588:2025, Section 42 |
| | | Temperature Rise / Thermal Test | UL 588:2025, Section 43 |
| | | Dielectric Voltage-Withstand | UL 588:2025, Section 45 |
| | | Strain Relief Test | UL 588:2025, Section 46 |
| | Wire Lead Connections | Wire Push-Back Relief | UL 588:2025, Section 47 |
| | Polymeric / Plastic Materials | Downward Burning Rate (Flammability) | UL 588:2025, Section 50 |
| | Seasonal Decorative Lighting | Drop Test | UL 588:2025, Section 59 |
| | | Impact Test | UL 588:2025, Section 60 |
| | | Cold Impact Test | UL 588:2025, Section 61 |
| | Overcurrent Protective Devices / Fuses | Protective Device Operation & Calibration | UL 588:2025, Section 65 |
| | Fuse holders | Fuse holder Crush Resistance | UL 588:2025, Section 68 |
| | Cord Anchors / Assemblies | Secondary Strain Relief Test | UL 588:2025, Section 71 |
| | Polymeric / Plastic Enclosures | Heating / Mold Stress Relief (Oven Test) | UL 588:2025, Section 78 |
| | Lamp holder Lead Wires | Lead Pull / Mechanical Strength | UL 588:2025, Section 79.1 |
| | Lamp holder Contacts | Contact Retention & Electrical Contact Security | UL 588:2025, Sections 80.1, 80.2, 80.3 |
| | Lamp holders & Enclosures | Mechanical Crush Test | UL 588:2025, Section 83 |
| | Outdoor Seasonal Lighting | Rain Test / Water Ingress | UL 588:2025, Section 89 |
| | Product Labels & Markings | General Product Marking Details | UL 588:2025, Section 122 |
| | | Product Tag & Cord Tag Specifications | UL 588:2025, Section 124 |

| FIELDS OF TESTING | MATERIAL/ MATRIX | DETERMINANT(S)/ ANALYTE(S) | METHOD REFERENCE |
|---|---|---|---|
| **Electrical - Consumer Products** (cont'd.) | Product Labels & Markings (cont'd.) | Marking Permanence & Adhesion Test | UL 588:2025, Section 125 |
| | | Cautionary & Warning Markings Format | UL 588:2025, Section 127 |
| | Packaging / Carton Markings | Carton & Stuffer Sheet Markings | UL 588:2025, Section 126 |
| | Product Documentation | User Instructions – General Requirements | UL 588:2025, Section 128 |
| | | Instructions Pertaining to Risk of Fire, Shock, or Injury | UL 588:2025, Section 129 |
| | | Use and Care Instructions | UL 588:2025, Section 130 |
| | | User Servicing Instructions | UL 588:2025, Section 131 |
| | Outdoor Lamp holder Assemblies | Outdoor Lamp holder Construction | UL 588:2025, Section SB9.2 |
| | Current Taps and Adapters | Plug Blade Retention Force Test | UL 498A:2021, Sections 29.1, 29.2 |
| | Flexible Cord and Cable | Conductor Cross-Sectional Area Verification ($mm^2$) | UL 62:2023, Section 4.1.1.3.1 (a) |
| | Power Supply Cord Sets | Blade & Pin Retention Force / Security Test | UL 817:2025, Section 12.1 |
| | Class 2 Power Units | Mechanical Construction, Dimensions & Weight | UL 1310:2022, Section 7.11 |
| | Cord-Connected Power Units | Input Connection / Cord Entry | UL 1310:2022, Section 14.2.1 |
| | Class 2 Power Units | Leakage Current | UL 1310:2022, Section 26 |
| | | Normal Temperature Rise | UL 1310:2022, Section 33 |
| | | Cord Strain Relief | UL 1310:2022, Section 41 |
| | | General Product Markings | UL 1310:2022, Section 51 |
| | | Cautionary & Warning Markings | UL 1310:2022, Section 52 |
| | | Permanence of Marking Test | UL 1310:2022, Section 65 |
| | Power Unit Transformers | Dielectric Voltage Withstand Test | UL 1310:2022, Section 34 |
| | Direct Plug-In Power Units | Direct Plug-In Blade Secureness | UL 1310:2022, Section 43 |
| | | Mechanical Impact / Abuse Test | UL 1310:2022, Section 46.2 |
| | Outdoor Class 2 Power Units | Rain Test / Enclosure Protection | UL 1310:2022, Section 64.3 |

| FIELDS OF TESTING | MATERIAL/ MATRIX | DETERMINANT(S)/ ANALYTE(S) | METHOD REFERENCE |
|---|---|---|---|
| **Electrical – Consumer Products** (cont'd.) | Children's Chairs and Stools | General Requirements | ASTM F2613-22, Section 5; 16 CFR 1232 |
| | | Exposed Wood Parts & Splinter Hazards | ASTM F2613-22, Section 5.1; 16 CFR 1232; 16 CFR 1500.48; 16 CFR 1500.49 |
| **Physical Testing** | Children's Chairs and Stools | Scissoring, Shearing, or Pinching | ASTM F2613-22, Section 5.7; 16 CFR 1232 |
| | | Folding Mechanisms | ASTM F2613-22, Section 5.8; 16 CFR 1232 |
| | | Latching and Locking Mechanisms | ASTM F2613-22, Section 5.8.1; 16 CFR 1232 |
| | | Products without Latching and Locking Mechanisms | ASTM F2613-22, Section 5.8.2; 16 CFR 1232 |
| | | Circular Holes in Rigid Materials | ASTM F2613-22, Section 5.9; 16 CFR 1232 |
| | | Rationale for Circular Holes | ASTM F2613-22, Section 5.9.1; ASTM F96; 16 CFR 1232 |
| | | Labelling Requirements | ASTM F2613-22, Section 5.10, 6.2, 6.3, 6.4; 16 CFR 1232 |
| | | Protective Components | ASTM F2613-22, Section 5.11; 16 CFR 1232 |
| | | Strength Requirements | ASTM F2613-22, Section 5.12; 16 CFR 1232 |
| | | Stability | ASTM F2613-22, Section 5.13, 6.7.1, 6.7.2, 6.7; 16 CFR 1232 |
| | | Head Entrapment | ASTM F2613-22, Section 5.14; 16 CFR 1232 |
| | | Marking and Labelling – General | ASTM F2613-22, Section 7; 16 CFR 1232 |
| | | Product and Retail Package Marking | ASTM F2613-22, Section 7.1; 16 CFR 1232 |
| | | Marking Permanency | ASTM F2613-22, Section 7.2; 16 CFR 1232 |

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| **Physical Testing** (cont'd.) | Children's Chairs and Stools (cont'd.) | Upholstery Labelling | ASTM F2613-22, Section 7.3; 16 CFR 1232 |
| | | Warning Design for Product | ASTM F2613-22, Section 7.4; 16 CFR 1232 |
| | | Message Panel Text Layout | ASTM F2613-22, Section 7.4.6; 16 CFR 1232 |
| | | Products with Limited Space Labelling | ASTM F2613-22, Section 7.4.7; 16 CFR 1232 |
| | | Folding Chair/Stool Warning Statement & Hinge Line Clearance | ASTM F2613-22, Section 7.5, 5.8.2; 16 CFR 1232 |
| | Children's Toys | Material Quality | ASTM F963-23, Section 4.1, 4.3.1 |
| | | Folding Mechanisms and Hinges | ASTM F963-23, Section 4.13, 4.13.1, 4.13.2 |
| | | Safety Labelling | ASTM F963-23, Section 5 |
| | Toy Chests | Toy Chests Construction & Safety | ASTM F963-23, Section 4.41 |
| | | Lid Support | ASTM F963-23, Sections 4.41.1; 8.27.1 |
| | | 7000 Cycle Durability Test | ASTM F963-23, Sections 4.41.1.2; 8.27.1.2 |
| | | Lid Support Mechanisms | ASTM F963-23, Section 4.41.1.3 ,4.41.1.1; 8.27.2 |
| | | Finger Pinch Clearance | ASTM F963-23, Section 4.41.1.4 |
| | | Hinge Line Clearance | ASTM F963-23, Section 4.41.2 |
| | | Closure Opening Force | ASTM F963-23, Section 4.41.3 |
| | | Ventilation | ASTM F963-23, Section 4.41.4 |
| | Children's Products | Tracking Labels for Children's Products | 15 U.S.C. § 2063(a)(5) / CPSIA Section 103 |
| | Durable Infant or Toddler Products | Consumer Registration - General Requirements | 16 CFR Part 1130.3 |
| | | Identification on the Product | 16 CFR Part 1130.4 |
| | | Requirements for Registration Form | 16 CFR Part 1130.5 |
| | | Requirements for Web Site Registration Page | 16 CFR Part 1130.6 |
| | | Recordkeeping Requirements | 16 CFR Part 1130.7 |

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|---|---|---|---|
| **Physical Testing** (cont'd.) | Durable Infant or Toddler Products (cont'd.) | Registration Form Attachment & Postage Requirements | 16 CFR Part 1130.8(e) |