

## 10.6 Scope of Accreditation

Issue No: 07/ Issue Date: 15<sup>th</sup> September 2022  
File Manager: Atta Subhan



### Testing Laboratory Accreditation No. ATL 0097

is accredited by the GCC Accreditation Center (GAC) in accordance with the recognised International Standard ISO/IEC 17025:2017, “General requirements for the competence of testing and calibration laboratories”

| SGS (Thailand) Limited – ACC Branch  |   |
|--|---|
| Address.<br>700/693 Moo 7, Don Hua Roh Sub-District, Muang Chonburi District,<br>Chonburi 20000 Thailand | Contact Person: Somkid Kumngern<br>Tel: + 66 33 266 165<br>Fax: N/A<br>Email: <a href="mailto:somkid.kumngern@sgs.com">somkid.kumngern@sgs.com</a><br>Web Address: <a href="http://www.sgs.com">www.sgs.com</a> |

#### **Locations where testing activities covered by the above Accreditation Standard are undertaken**

|   |
|---|
| <b>Address</b> - 700/693 Moo 7, Don Hua Roh Sub-District, Muang Chonburi District, Chonburi 20000 Thailand. |
|---|

#### **For the following scope:**

## 10.6 Scope of Accreditation

Issue No: 07/ Issue Date: 15<sup>th</sup> September 2022  
File Manager: Atta Subhan



### Scope:

#### **3.Performance and Approvals Testing**

- 3.15 Electromagnetic compatibility - emission testing
- 3.24 Approval tests on electrical appliances and accessories

#### **7.Chemical Testing:**

- 7.01 Metals and alloys
- 7.02 Metallic coatings and treatment solutions
- 7.27 Resins
- 7.36 Rubber
- 7.37 Plastics
- 7.39 Adhesives and sealants

Scope details are as follows:

## 10.6 Scope of Accreditation

Issue No: 07/ Issue Date: 15<sup>th</sup> September 2022  
File Manager: Atta Subhan



ACCREDITED  
**TESTING**  
ISO/IEC 17025:2017  
No. ATL 0097

| TEST CATEGORY                                   | ITEMS, MATERIALS OR PRODUCTS TESTED                              | SPECIFIC TESTS / PARAMETERS OR PROPERTIES, COMPONENTS, CHARACTERISTICS TESTED                               | SPECIFICATION, STANDARD TEST METHOD OR TECHNIQUE USED  | REMARKS  |
|---|--|---|--|--|
| Performance and Approvals Testing (Electricity) | Household and similar electrical appliances general requirements | Household and similar electrical appliances - Safety - Part 1: General requirements                         | IEC 60335-1:2001 + A1:2004 + A2:2006<br>IEC 60335-1:2010 + A1:2013 + A2:2016<br>IEC 60335-1:2020<br>EN 60335-1:2012 + A11:2014 + A12:2017 + A13:2017+A1:2019+A14:2019+A2:2019 + A15:2021<br>AS/NZS 60335.1:2011 + A1:2012 + A2:2014 + A3:2015 + A4:2017 + A5:2019,<br>UL 60335-1-2016,<br>CAN/CSA-C22.2 No. 60335-1:16,<br>TIS 1375-2547(2004),<br>MS IEC 60335-1:2005<br>MS IEC 60335-1:2013,<br>AS/NZS60335.1:2020+A1:2021<br><a href="#">AS/NZS 60335.1:2022</a><br>TIS 1375-2563(2020) | Except for 15.1 IPX1/X2, IPX8, 30.2 radiation, toxicity, Annex F capacitor, Annex J coated printed circuit boards, Annex R software evaluation |
| Performance and Approvals Testing (Electricity) | Electric irons   | Household and similar electrical appliances - Safety - Part 2-3: Particular requirements for Electric irons | IEC 60335-2-3:2012+A1:2015,<br>EN 60335-2-3:2016 + A1:2020<br>AS/NZS 60335-2- 3:2012 + A1:2016, CAN/CSA-E60335-2-3:13<br>UL 60335-2-3:2016,<br>TIS 366-2547 (2004),<br>MSIEC60335-2-3:2007,<br>TCVN 5699-2-3:2006  | Except for 15.1 IPX1/X2, IPX8, 30.2 radiation, toxicity, Annex F capacitor, Annex J coated printed circuit boards, Annex R software evaluation |

## 10.6 Scope of Accreditation

Issue No: 07/ Issue Date: 15<sup>th</sup> September 2022  
File Manager: Atta Subhan

|   |                  |   |   |   |
|---|------------------|---|---|---|
| Performance and Approvals Testing (Electricity) | Spin Extractors  | Household and similar electrical appliances - Safety - Part 2-4: Particular requirements for spin extractors  | IEC 60335-2-4:2008+A1:2012+ A2:2017<br><a href="#">IEC 60335-2-4:2021</a><br>EN 60335-2-4:2010+A1:2015+ A11:2018 + A2:2019<br>AS/NZS 60335.2.4 + A1:2010 + A2:2014 + A3:2015 + A4:2018<br><a href="#">AS/NZS60335.2.4:2021</a><br>CAN/CSA-E60335-2-4:13,<br>TIS 1524-2553(2010)<br>MS IEC 60335-2-4:2007                                      | Except for 15.1,18 IPX1/X2, IPX8, 30.2 radiation, toxicity, Annex F capacitor, Annex J coated printed circuit boards, Annex R software evaluation.  |
| Performance and Approvals Testing (Electricity) | Washing machines | Household and similar electrical appliances - Safety - Part 2-7: Particular requirements for washing machines | IEC 60335-2-7:2008 + A1:2011 + A2:2016<br>IEC 60335-2-7:2019,<br>EN 60335-2-7:2010 + A1:2013+A11:2013+A2:2019,<br>AS/NZS 60335.2.7:2012 + A1:2015 + A2:2017,<br><a href="#">AS/NZS 60335.2.7:2020</a> ,<br>CAN/CSA-E60335-2-7:13<br>UL 2157-2018,<br>CSA C22.2 No. 169-18,<br>IS 302-2-7:2010<br>TIS 1463-2556(2013),<br>MS 1597:Part2-7:2005 | Except for 15.1,18 IPX1/X2, IPX8, 30.2 radiation, toxicity, Annex F capacitor, Annex J coated printed circuit boards, Annex R software evaluation.<br>- Components only for switches and safety isolating transformers. |

## 10.6 Scope of Accreditation

Issue No: 07/ Issue Date: 15<sup>th</sup> September 2022  
File Manager: Atta Subhan

|   |  |   |  |  |
|---|--|---|--|--|
| Performance and Approvals Testing (Electricity) | Grills, Toasters and Similar Portable Cooking Appliances | Household and similar electrical appliances - Safety - Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances | IEC 60335-2-9:2008 + A1:2012 + A2:2016<br>IEC 60335-2-9:2019,<br>EN 60335-2-9:2003 + A1:2004 + A2:2006 + A12:2007 + A13:2010 + AC: 2011<br>AS/NZS 60335.2.9:2014 +A1:2015 +A2:2016 +A3:2017<br>CAN/CSA C22.2 No. 60335-2- 9:14,<br>TIS 1641-2552 (2009)<br>MS IEC 60335-2-9:2014,<br>TCVN 5699-2-9:2004        | Except for 15.1 IPX1/X2, IPX8, 30.2 radiation, toxicity, Annex F capacitor, Annex J coated printed circuit boards, Annex R software evaluation.<br>-Components only for switches and safety isolating transformers.    |
| Performance and Approvals Testing (Electricity) | Tumble dryers  | Household and similar electrical appliances - Safety - Part 2-11: Particular requirements for tumble dryers   | IEC 60335-2-11:2008 + A1:2012 + A2:2015, IEC 60335-2-11:2019<br>EN 60335-2-11:2010 + A11:2012 + A1:2015 + A2:2018,<br>AS/NZS 60335.2.11:2017,<br><a href="#">AS/NZS 60335.2.11:2020</a> ,<br>CAN/CSA-E60335-2-11:13<br>UL 2158-2018,<br>CSA C22.2 NO. 112-18<br>TIS 1389-2559(2016),<br>MS IEC 60335-2-11:2014 | Except for 15.1, 18, IPX1/X2, IPX8, 30.2 radiation, toxicity, Annex F capacitor, Annex J coated printed circuit boards, Annex R software evaluation- Components only for switches and safety isolating transformers.   |
| Performance and Approvals Testing (Electricity) | Deep Fat Fryers, Frying Pans and Similar Appliances      | Household and similar electrical appliances – Safety –Part 2-13: Particular requirements for deep fat fryers, frying pans and similar appliances      | IEC 60335-2-13:2002 + A1:2004 + A2:2008, IEC 60335-2-13:2009 + A1:2016,<br>EN 60335-2-13:2010 + A11:2012<br>AS/NZS 60335.2.13:2017,<br>CAN/CSA-E60335-2-13:13<br>TIS 1509-2547 (2004),<br>MS IEC 60335-1:2005  | - Except for 15.1 IPX1/X2, IPX8, 30.2 radiation, toxicity, Annex F capacitor, Annex J coated printed circuit boards, Annex R software evaluation.<br>- Components only for switches and safety isolating transformers. |

## 10.6 Scope of Accreditation

Issue No: 07/ Issue Date: 15<sup>th</sup> September 2022  
File Manager: Atta Subhan

|   |                                |  |   |  |
|---|--------------------------------|--|---|--|
| Performance and Approvals Testing (Electricity) | Kitchen machines               | Household and similar electrical appliances – Safety –Part 2-14: Particular requirements for kitchen machines                | IEC 60335-2-14:2002, IEC 60335-2-14:2006 + A1:2008 + A2:2012, IEC 60335-2-14:2016 + A1:2019, EN 60335-2-14:2006 + A1:2008 + A11:2012 + A12:2016, AS/NZS 60335.2.14:2017 CAN/CSA-E60335-2-14:05, TIS 1515-2550 (2007) MS IEC 60335-2-14:2014   | - Except for 15.1 IPX1/X2, IPX8, 30.2 radiation, toxicity, Annex F capacitor, Annex J coated printed circuit boards, Annex R software evaluation.<br><br>- Components only for switches and safety isolating transformers. |
| Performance and Approvals Testing (Electricity) | Appliances for heating liquids | Household and similar electrical appliances - Safety - Part 2-15: Particular requirements for appliances for heating liquids | IEC 60335-2-15:2002 + A1:2005 + A2:2008, IEC 60335-2-15:2012 + A1:2016 + A2:2018, EN 60335-2-15:2016 + A11:2018+ A1:2021+ A2:2021+ A12:2021, AS/NZS 60335.2.15:2013+A1:2016+ A2:2017+ A3:2018+ A4:2019 AS/NZS 60335.2.15:2019, CAN/CSA C22.2 No.60335-2-15:14 + A1:2017, TIS 2062-2558(2015), TIS 2439-2552(2009) MS IEC 60335-2-15:2004, TCVN 5699-2-15:2007 | - Except for 15.1 IPX1/X2, IPX8, 30.2 radiation, toxicity, Annex F capacitor, Annex J coated printed circuit boards, Annex R software evaluation.<br><br>- Components only for switches and safety isolating transformers. |

## 10.6 Scope of Accreditation

Issue No: 07/ Issue Date: 15<sup>th</sup> September 2022  
File Manager: Atta Subhan



ACCREDITED  
**TESTING**  
ISO/IEC 17025:2017  
No. ATL 0097

|   |   |  |  |   |
|---|---|--|--|---|
| Performance and Approvals Testing (Electricity) | Appliances for Skin or Hair Care                              | Household and similar electrical appliances - Safety - Part 2-23: Particular requirements for appliances for skin or hair care                             | IEC 60335-2-23:2016,<br>EN 60335-2- 23:2003 + A1:2008 + A11:2010 + A2:2015,<br>AS/NZS 60335.2.23:2017<br>CAN/CSA-C22.2 No. 60335-2-23:15,<br>TIS 1985-2549 (2006)<br>TCVN 5699-2-23:2005,<br>TCVN 5699-2-23:2007   | - Except for 15.1 IPX1/X2, IPX8, 30.2 radiation, toxicity, Annex F capacitor, Annex J coated printed circuit boards, Annex R software evaluation.<br><br>- Components only for switches and safety isolating transformers |
| Performance and Approvals Testing (Electricity) | Refrigerating appliances, ice-cream appliances and ice-makers | Household and similar electrical appliances – Safety –Part 2-24: Particular requirements for refrigerating appliances, ice-cream appliances and ice-makers | IEC 60335-2-24:2002 + A1:2005 +A2:2007,<br>IEC 60335-2-24:2010 +A1:2012 + A2:2017, EN 60335-2-24:2010 + A1:2019 + A2:2019 + A11: 2020,<br>IEC 60335-2-24:2020,<br>AS/NZS 60335.2.24:2010 + A1:2013 + A2:2018,<br><a href="#">AS/NZS 60335.2.24:2021</a><br>UL 60335-2-24 2017,<br>UL 60335-2-24:2020<br>CAN/CSA-C22.2 No. 60335-2-24:17,<br>TIS 2214-2548 (2005),<br>MS IEC 60335-2-24:2005,<br>MS IEC 60335-2-24:2015 | - Except for 15.1 IPX1/X2, IPX8, 30.2 radiation, toxicity, Annex F capacitor, Annex J coated printed circuit boards, Annex R software evaluation.<br><br>- Components only for switches and safety isolating transformers |

## 10.6 Scope of Accreditation

Issue No: 07/ Issue Date: 15<sup>th</sup> September 2022  
File Manager: Atta Subhan

|   |   |   |  |  |
|---|---|---|--|--|
| Performance and Approvals Testing (Electricity) | Battery Chargers  | Household and similar electrical appliances - Safety - Part 2-29: Particular requirements for battery chargers  | IEC 60335-2-29:2016,<br>EN 60335-2-29:2004 + A2:2010 + A11:2018, AS/NZS 60335.2.29:2017,<br>CAN/CSA-E60335-2-29:06   | - Except for 15.1 IPX1/X2, IPX8, 30.2 radiation, toxicity, Annex F capacitor, Annex J coated printed circuit boards, Annex R software evaluation.<br><br>- Components only for switches and safety isolating transformers  |
| Performance and Approvals Testing (Electricity) | Electrical heat pumps, air-conditioners and dehumidifiers | Household and similar electrical appliances - Safety - Part 2-40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers | IEC 60335-2-40:2013+A1:2016,<br>IEC 60335-2-40:2018<br><a href="#">IEC 60335-2-40:2022</a><br>EN 60335-2-40:2003 + A1:2006 + A2:2009 + A11:2004 + A12:2006 + A13:2012<br>AS/NZS 60335.2.40:2019,<br>UL 60335-2-40:2019,<br>CAN-CSA-C22.2 NO. 60335-2-40-12,<br><a href="#">CAN-CSA-C22.2 NO. 60335-2-40-19</a><br>TIS 1529-2541 (1998),<br>MS 1597-2-40:2005 | - Except for 15.1 IPX1/X2, IPX8, 30.2 radiation, toxicity, Annex F capacitor, Annex J coated printed circuit boards, Annex R software evaluation.<br><br>- Components only for switches and safety isolating transformers. |
| Performance and Approvals Testing (Electricity) | Whirlpool baths and whirlpool spas                        | Household and similar electrical appliances - Safety - Part 2-60: Particular requirements for whirlpool baths and whirlpool spas                        | IEC 60335-2-60:2017<br>EN 60335-2-60:2003 + A1:2005 + A2:2008 + A11:2010 + A12:2010<br>AS/NZS 60335.2.60:2006 + A1:2009<br>AS/NZS 60335.2.60:2018  | Except for 15.1 IPX1/X2, IPX8, 30.2 radiation, toxicity, Annex F capacitor, Annex J coated printed circuit boards, Annex R software evaluation.<br>Components only for switches and safety isolating transformers.         |



## 10.6 Scope of Accreditation

Issue No: 07/ Issue Date: 15<sup>th</sup> September 2022

File Manager: Atta Subhan



ACCREDITED  
**TESTING**  
 ISO/IEC 17025:2017  
 No. ATL 0097

|   |                                  |   |   |  |
|---|----------------------------------|---|---|--|
| Performance and Approvals Testing (Electricity) | Commercial Dispensing Appliances | Household and similar electrical appliances - Safety - Part 2-75: Particular requirements for commercial dispensing appliances and vending machines | IEC 60335-2-75:2012+A1:2015 + A2:2018, EN 60335-2- 75:2004 + A1:2005 + A11:2006 + A2:2008 + A12:2010, AS/NZS 60335.2.75:2013 + A1:2014 + A2:2017+ A3:2019   | <ul style="list-style-type: none"> <li>- Except for 15.1 IPX1/X2, IPX8, 30.2 radiation, toxicity, Annex F capacitor, Annex J coated printed circuit boards, Annex R software evaluation.</li> <li>- Components only for switches and safety isolating transformers.</li> </ul> |
| Performance and Approvals Testing (Electricity) | Fans                             | Household and similar electrical appliances – Safety – Part 2-80: Particular requirements for fans  | IEC 60335-2-80:2015<br>EN 60335-2- 80:2003 + A1:2004 + A2:2009<br>AS/NZS 60335-2-80:2016<br>CAN/CSA-C22.2 No. 60335-2-80:17<br>TIS 934-2558 (2015)<br>MS 1597: Part2-80:2010<br>TCVN 5699-2-80:2007 | <ul style="list-style-type: none"> <li>- Except for 15.1 IPX1/X2, IPX8, 30.2 radiation, toxicity, Annex F capacitor, Annex J coated printed circuit boards, Annex R software evaluation.</li> <li>- Components only for switches and safety isolating transformers</li> </ul>  |

## 10.6 Scope of Accreditation

Issue No: 07/ Issue Date: 15<sup>th</sup> September 2022  
 File Manager: Atta Subhan

**GAC**

مركز الإعتاماد الخليجي  
**GCC ACCREDITATION CENTER**



**ACCREDITED**  
**TESTING**  
 ISO/IEC 17025:2017  
 No. ATL 0097

|  |  |  |   |   |
|--|--|--|---|---|
| <p>Performance and Approvals Testing (Electricity)</p> | <p>Commercial refrigerating appliances</p> | <p>Household and similar electrical appliances - Safety - Part 2-89: Particular requirements for commercial refrigerating appliances with an incorporated or remote refrigerant unit or compressor</p> | <p>IEC 60335-2-89:2019<br/>                 IEC 60335-2-89:2010 + A1:2012 + A2:2015<br/>                 EN 60335-2-89:2010 + A1:2016 + A2:2017<br/>                 AS/NZS 60335.2.89:2010 + A1:2013 + A2:2016<br/> <a href="#">AS/NZS 60335.2.89:2020</a><br/>                 CAN/CSA-C22.2 No. 60335-2-89:17<br/> <a href="#">CAN/CSA-C22.2 No. 60335-2-89:21</a><br/>                 UL 60335-2-89:17<br/> <a href="#">UL 60335-2-89:2021</a></p> | <p>- Except for 15.1 IPX1/X2, IPX8, 30.2 radiation, toxicity, Annex F capacitor, Annex J coated printed circuit boards, Annex R software evaluation.</p> <p>- Components only for switches and safety isolating transformers.</p> |
|--|--|--|---|---|

## 10.6 Scope of Accreditation

Issue No: 07/ Issue Date: 15<sup>th</sup> September 2022  
File Manager: Atta Subhan

|   |              |  |   |  |
|---|--------------|--|---|--|
| Performance and Approvals Testing (Electricity) | Refrigerator | <p>Household refrigerating appliances - Characteristics and test methods</p> <p>Household refrigerating appliances - Characteristics and test methods - Part 1: General requirements</p> <p>Household refrigerating appliances - Characteristics and test methods - Part 2: Performance requirements</p> <p>Household refrigerating appliances - Characteristics and test methods - Part 3: Energy consumption and volume</p> <p>Refrigerated display cabinets — Part 2: Classification, requirements and test conditions</p> <p>Refrigerated storage cabinets and counters for professional use. Classification, requirements and test conditions</p> | <p>GB/T 8059-2016<br/>GB 12021.2-2015</p> <p>IEC 62552:2007<br/>EN 62552:2013<br/>EN 62552-1:2020<br/>EN 62552-2:2020<br/>EN 62552-3:2020</p> <p>NA 16762:2010<br/>IRAM 2404-3:2015<br/>NIS 942:2017</p> <p>IEC 62552-1:2015 + A1:2020<br/>IEC 62552-2:2015+ A1:2020<br/>IEC 62552-3:2015+ A1:2020</p> <p>AS/NZS IEC 62552.1:2018<br/>AS/NZS IEC 62552.2:2018<br/>AS/NZS IEC 62552.3:2018<br/>AS/NZS 4474:2018+ A1:2019</p> <p>GS IEC 62552 (IEC 62552: 2007)<br/>MS IEC 62552:2011</p> |  |
|---|--------------|--|---|--|

## 10.6 Scope of Accreditation

Issue No: 07/ Issue Date: 15<sup>th</sup> September 2022  
 File Manager: Atta Subhan

**GAC**

مركز الإعتاماد الخليجي  
 GCC ACCREDITATION CENTER



**ACCREDITED**  
**TESTING**  
 ISO/IEC 17025:2017  
 No. ATL 0097

|  |  |  |  |  |
|--|--|--|--|--|
|  |  |  | <p>MS IEC 62552-1:2016<br/>                 MS IEC 62552-2:2016<br/>                 MS IEC 62552-3:2016</p> <p>PNS IEC 62552:2012<br/>                 PNS 396-2:2013<br/>                 PNS 396-2:1997<br/>                 PNS IEC 62552-1:2016<br/>                 PNS IEC 62552-2:2016<br/>                 PNS IEC 62552-3:2016</p> <p>SANS 62552:2008+A1:2010 + A2:2015<br/>                 SANS 1691: 2015</p> <p>UNIT-IEC 62552:2007<br/>                 UNIT 1138:2011</p> <p>UAE.S IEC 62552:2013<br/>                 UAE.S 5010 -3:2013</p> <p>TCVN 7828:2016<br/>                 TCVN 7829 :2016</p> <p>AS/NZS 4474.1:2007 + A1-2008 + A2:2011</p> |  |
|--|--|--|--|--|

## 10.6 Scope of Accreditation

Issue No: 07/ Issue Date: 15<sup>th</sup> September 2022  
 File Manager: Atta Subhan

**GAC**

مركز الإعتداده الخليجي  
 GCC ACCREDITATION CENTER



**ACCREDITED**  
**TESTING**  
 ISO/IEC 17025:2017  
 No. ATL 0097

|  |  |  |   |  |
|--|--|--|---|--|
|  |  |  | AS/NZS4474.2:2009 + A1:2011 + A2:2014<br><br>KS 2464-1:2013<br>KS 2464-2: 2013<br>KS 2464-2:2020<br>KS IEC 2552-1:2015<br>KS IEC 2552-2:2015<br>KS IEC 2552-3:2015<br><br>SASO 2892:2018 + A1:2018 + A2:2021<br><br>NOM-015-ENER-2012<br>NOM-015-ENER-2018<br><br>INTE E11-1:2015<br>INTE E11-2:2015<br>INTE E11-3:2015<br><br>DGNTI-COPANIT 105:2017<br>DGNTI-COPANIT 511:2017<br><br>IS 1476(Part 1):2000 + A1:2004 + A2:2014 + A3:2015<br>(All clauses, include: |  |
|--|--|--|---|--|

## 10.6 Scope of Accreditation

Issue No: 07/ Issue Date: 15<sup>th</sup> September 2022  
 File Manager: Atta Subhan

**GAC**

مركز الإعتاماد الخليجي  
 GCC ACCREDITATION CENTER



**ACCREDITED**  
**TESTING**  
 ISO/IEC 17025:2017  
 No. ATL 0097

|  |  |  |  |  |
|--|--|--|--|--|
|  |  |  | <p>(Clause 8.2 Determination of Volume;<br/>                 Clause 14.5.3.1 Pull down test;<br/>                 Clause 14.9 Energy Consumption Test,)</p> <p>IS 17550 (Part 1):2021<br/>                 IS 17550 (Part 2):2021<br/>                 IS 17550 (Part 3):2021</p> <p>IS 15750:2006 + A1:2014 + A2:2019<br/>                 (All clauses, include:<br/>                 Clause 6.2 Determination of Volume;<br/>                 Clause 14 Energy Consumption Test;<br/>                 Clause 16 Pull down test)</p> |  |
|--|--|--|--|--|

## 10.6 Scope of Accreditation

Issue No: 07/ Issue Date: 15<sup>th</sup> September 2022  
 File Manager: Atta Subhan

**GAC**

مركز الإعتداف الخليجي  
**GCC ACCREDITATION CENTER**



**ACCREDITED**  
**TESTING**  
 ISO/IEC 17025:2017  
 No. ATL 0097

|  |  |  |   |  |
|--|--|--|---|--|
|  |  |  | ANSI/AHAM HRF-1-2008<br>CAN/CSA-C300-08<br>CAN/CSA-C300-15<br>10 CFR 430, Subpart B, Appendix A<br>10 CFR 430, Subpart B, Appendix B<br><br>ISO 23953-1:2015<br>ISO 23953-2:2015<br>EN 16825:2016<br>EN 16838:2016<br>EN 16901:2016<br>EN 16902:2016<br>EN 50597:2018<br><br>AS 1731.3-2003 + A1-2005<br>AS 1731.5-2003 + A1-2005<br>AS 1731.9-2003 + A1-2005<br>AS 1731.14-2003 + A1-2005 + A2-2012<br><br>NOM-022-ENER/SCFI-2008<br>NOM-022-ENER/SCFI-2014<br><br>NTC 5310:2004 |  |
|--|--|--|---|--|

## 10.6 Scope of Accreditation

Issue No: 07/ Issue Date: 15<sup>th</sup> September 2022  
 File Manager: Atta Subhan

**GAC**

مركز الإعتداده الخليجي  
**GCC ACCREDITATION CENTER**



**ACCREDITED**  
**TESTING**  
 ISO/IEC 17025:2017  
 No. ATL 0097

|  |  |  |  |  |
|--|--|--|--|--|
|  |  |  | RTS 97.01.01:15<br>RTS 97.02.01:15<br><br>RTE INEN<br>035:2009+M1:2010+M2:2010+M3:2015+C1:2019<br>RTE INEN 035(1R)<br>RTE INEN 009:2005 + M1:2009 + M2:2015 + M3:2017<br>+ C1:2019<br>NTE INEN 2206:2011<br>NTE INEN 2297:2001<br><br>Decree N 009-2017-EM Annex 3 |  |
|--|--|--|--|--|



## 10.6 Scope of Accreditation



Issue No: 07/ Issue Date: 15<sup>th</sup> September 2022  
File Manager: Atta Subhan

|  |                        |   |  |  |
|--|------------------------|---|--|--|
| <p>Performance and Approvals Testing (Electricity)</p> | <p>Air conditioner</p> | <p>Non-ducted air conditioners and heat pumps — Testing and rating for performance</p> <p>Ducted air-conditioners and air-to-air heat pumps — Testing and rating for performance</p> <p>Multiple split-system air conditioners and air-to-air heat pumps — Testing and rating for performance</p> | <p>GB/T 7725-2004<br/>GB 12021.3-2010</p> <p>ISO 5151:2010<br/>ISO 5151:2017<br/>ISO 13253:2011<br/>ISO 13253:2017<br/>ISO 15042:2011<br/>ISO 15042: 2017<br/>ISO 16358-1-2013 + Cor 1:2013 + A1:2019<br/>ISO 16358-2-2013<br/>ISO 16358-3-2013</p> <p>SASO 2681/2013<br/>SASO 2682/2013<br/>SASO ISO 5151:2021<br/>SASO ISO 13253:2021<br/>SASO 2663:2018<br/>SASO 2663:2014<br/>SASO 2663:2021<br/>SASO 2874:2016</p> <p>QS 2663:2019<br/>QS 2663:2020</p> |  |
|--|------------------------|---|--|--|

## 10.6 Scope of Accreditation

Issue No: 07/ Issue Date: 15<sup>th</sup> September 2022  
 File Manager: Atta Subhan

**GAC**

مركز الإعتاماد الخليجي  
 GCC ACCREDITATION CENTER



**ACCREDITED**  
**TESTING**  
 ISO/IEC 17025:2017  
 No. ATL 0097

|  |  |  |   |  |
|--|--|--|---|--|
|  |  |  | MS ISO 5151:2012<br><br>UAE.S 5010-1:2016<br>UAE.S 5010-1:2019<br>UAE.S 5010-5:2016<br>UAE.S 5010-5:2019<br>UAE.S ISO 5151:2011<br>UAE.S ISO 13253:2011<br>UAE.S ISO 15042:2011<br><br>JS 2107:2013<br>JS 2108:2013<br>NIS 943:2017<br><br>GSO ISO 5151:2014<br>GSO ISO 13253<br><br>GSO 2530-2016<br>GSO 2531-2016<br><br>KWS1893:2018<br>MEW/R-6/2018 - clause 2.3 and 3.3 only<br><br>EN 14511-1:2011<br>EN 14511-2:2011 |  |
|--|--|--|---|--|

## 10.6 Scope of Accreditation

Issue No: 07/ Issue Date: 15<sup>th</sup> September 2022  
 File Manager: Atta Subhan

**GAC**

مركز الإعتاماد الخليجي  
 GCC ACCREDITATION CENTER



**ACCREDITED**  
**TESTING**  
 ISO/IEC 17025:2017  
 No. ATL 0097

|  |  |  |  |  |
|--|--|--|--|--|
|  |  |  | EN 14511-3:2011<br>EN 14511-4:2011<br><br>EN 14511-1:2013<br>EN 14511-2:2013<br>EN 14511-3:2013<br>EN 14511-4:2013<br><br>EN 14511-1:2018<br>EN 14511-2:2018<br>EN 14511-3:2018<br>EN 14511-4:2018<br>EN 14825: 2016<br>EN 14825:2018<br>EN 14825: 2012<br>EN 14825: 2013<br>EN 15218:2013<br><br>SANS 54511-1:2017<br>SANS 54511-2:2010<br>SANS 54511-3:2016<br>SANS 54511-4:2018<br><br>TCVN 7831:2012 |  |
|--|--|--|--|--|

## 10.6 Scope of Accreditation

Issue No: 07/ Issue Date: 15<sup>th</sup> September 2022  
 File Manager: Atta Subhan

**GAC**

مركز الإعتاماد الخليجي  
 GCC ACCREDITATION CENTER



**ACCREDITED**  
**TESTING**  
 ISO/IEC 17025:2017  
 No. ATL 0097

|  |  |  |   |  |
|--|--|--|---|--|
|  |  |  | <p>TCVN 7830:2015</p> <p>PNS 396-1:1998<br/>                 PNS 396-1:2007<br/>                 PNS 240:1998<br/>                 PNS ISO 5151:2014<br/>                 PNS ISO 16358-1:2014</p> <p>GS 362: 2001<br/>                 GS 362: 2018</p> <p>AS/NZS 3823.1.5: 2015<br/>                 AS/NZS 3823.1.1:2012<br/>                 AS/NZS 3823.1.2:2012<br/>                 AS/NZS 3823.2:2013<br/>                 AS/NZS 3823.4.1:2014 +A1:2017<br/>                 AS/NZS 3823.4.2:2014 +A1:2017<br/>                 KS 2463: 2013<br/>                 KS 2463:2019</p> <p>IS 1391(Part1) 1992 (Incorporating Amendment No. 1,2,3,4)<br/>                 IS 1391(Part2) 1992(Incorporating Amendment No. 1,2,3)</p> |  |
|--|--|--|---|--|

## 10.6 Scope of Accreditation

Issue No: 07/ Issue Date: 15<sup>th</sup> September 2022  
 File Manager: Atta Subhan

**GAC**

مركز الإعتداف الخليجي  
**GCC ACCREDITATION CENTER**



**ACCREDITED**  
**TESTING**  
 ISO/IEC 17025:2017  
 No. ATL 0097

|  |  |  |   |  |
|--|--|--|---|--|
|  |  |  | <p>IS 1391 (Part 1):2017: Amendment No.1:2018<br/>                 Amendment No.2:2019 + Amendment No.3:2020 (All clause, include:<br/>                 (Clause 10.4 Maximum Operating Conditions Test;<br/>                 Clause 10.10 Cooling capacity Test;<br/>                 Clause 10.12 Heating capacity Test,)<br/>                 IS 1391(Part 2) 2018: Amendment No.1:2018<br/>                 Amendment No.2:2019 + Amendment No.3:2020 (All clause, include:<br/>                 (Clause 9.4 Maximum Operating Conditions Test;<br/>                 Clause 9.9 Cooling capacity Test;<br/>                 Clause 9.11 Heating capacity Test,</p> |  |
|--|--|--|---|--|

## 10.6 Scope of Accreditation

Issue No: 07/ Issue Date: 15<sup>th</sup> September 2022  
 File Manager: Atta Subhan

**GAC**

مركز الإعتماة الخليجي  
 GCC ACCREDITATION CENTER



**ACCREDITED**  
**TESTING**  
 ISO/IEC 17025:2017  
 No. ATL 0097

|  |  |  |  |  |
|--|--|--|--|--|
|  |  |  | CSA C368.1-2014<br><br>ARI 310/380-2004<br>ANSI/ASHRAE 58-1986(RA 2014)<br>ANSI/ASHRAE Standard 37-2009<br>AHRI Standard 210/240 -2017<br><br>DGNTI COPANIT 101 2017<br>DGNTI COPANIT 102 2017<br>DGNTI COPANIT 103 2017<br>DGNTI COPANIT 104 2017<br>DGNTI-COPANT 506:2017<br>DGNTI-COPANT 507:2017<br>DGNTI-COPANIT 508: 2017<br>DGNTI-COPANIT-509:2017<br>INTE/ISO 5151:2018<br>INTE E 14-3:2018<br>INTE E 14-4:2018<br>INTE/ISO 13253:2017<br><br>NOM-011-ENER-2006<br>NOM-021-ENER/SCFI-2008<br>NOM-021-ENER/SCFI-2017<br>NOM-023-ENER-2010 |  |
|--|--|--|--|--|

## 10.6 Scope of Accreditation

Issue No: 07/ Issue Date: 15<sup>th</sup> September 2022  
 File Manager: Atta Subhan

**GAC**

مركز الإعتاماد الخليجي  
**GCC ACCREDITATION CENTER**



**ACCREDITED**  
**TESTING**  
 ISO/IEC 17025:2017  
 No. ATL 0097

|                           |                         |                         |   |  |
|---------------------------|-------------------------|-------------------------|---|--|
|                           |                         |                         | NOM-023-ENER-2018<br>NOM-026-ENER-2015<br>RTS 23.01.01:15<br>RTS 23.01.02:15<br>RTS 23.01.03:15<br><br>RTE INEN 072(1R) + M1:2018<br>NTE INEN 2495:2012<br>NTE INEN ISO 5151<br>Decree N 009-2017-EM Annex 8<br>UNE-EN 14511-1:2014<br>UNE-EN 14511-2:2014<br>UNE-EN 14511-3:2014<br>UNE-EN 14511-4:2014<br>UNE EN 14511-1:2019<br>UNE EN 14511-2:2019<br>UNE EN 14511-3:2019<br>UNE EN 14511-4:2019<br><br>ES 4814:2008<br>ES 3795-1:2016<br>ES 3795-2:2017<br>ES 3795-5: 2018 |  |
| Performance and Approvals | Refrigeration equipment | Refrigeration equipment | C22.2 No. 120-13 fourth edition, Dated March 2013   |  |

## 10.6 Scope of Accreditation

Issue No: 07/ Issue Date: 15<sup>th</sup> September 2022  
File Manager: Atta Subhan



|                          |   |                                       |   |  |
|--------------------------|---|---------------------------------------|---|--|
| Testing<br>(Electricity) | Commercial<br>Refrigerators and<br>Freezers | Commercial Refrigerators and Freezers | UL 471 Tenth Edition, Dated November 24, 2010 |  |
|--------------------------|---|---------------------------------------|---|--|



## 10.6 Scope of Accreditation

Issue No: 07/ Issue Date: 15<sup>th</sup> September 2022  
 File Manager: Atta Subhan

**GAC**

مركز الإعتاماد الخليجي  
 GCC ACCREDITATION CENTER



**ACCREDITED**  
**TESTING**  
 ISO/IEC 17025:2017  
 No. ATL 0097

|  |                         |   |   |  |
|--|-------------------------|---|---|--|
| <p>Performance and Approvals Testing (Electricity)</p> | <p>Washing machines</p> | <p>Clothes washing machines for household use – Methods for measuring the performance</p> | <p>IEC 60456:2003<br/>                 IEC 60456:2010<br/>                 GSO IEC 60456:2015<br/>                 BS EN 60456:2016<br/>                 EN 60456:2016 + A11:2020</p> <p>CLC/TS 50677:2019<br/>                 CLC/TS 50677:2022<br/>                 CLC/TS 50707 2020</p> <p>AS/NZS 2040.1:2005+ A1:2007+A2:2009+A3:2010<br/>                 AS/NZS 2040.1:2021<br/>                 AS/NZS 2040.2:2021<br/>                 AS/NZS 2040.2:2005+A1:2012</p> <p>SASO 2885:2018 + A1:2021</p> <p>UAE.S 5010-2:2013<br/>                 UAE.S 5010-2:2019<br/>                 UAE.S IEC 60456: 2010</p> <p>MS IEC 60456:2012</p> <p>SANS 1695:2016</p> |  |
|--|-------------------------|---|---|--|

## 10.6 Scope of Accreditation

Issue No: 07/ Issue Date: 15<sup>th</sup> September 2022  
 File Manager: Atta Subhan

**GAC**

مركز الإعتداده الخليجي  
 GCC ACCREDITATION CENTER



**ACCREDITED**  
**TESTING**  
 ISO/IEC 17025:2017  
 No. ATL 0097

|  |  |  |  |  |
|--|--|--|--|--|
|  |  |  | <p>UNE EN 60456-2016</p> <p>Decree N 009-2017-EM Annex 6</p> <p>NMX-J-585-ANCE-2007<br/>                 NMX-J-585-ANCE-2014</p> <p>RTE-INEN 077:2013+M1:2013+M2:2014</p> <p>NTE INEN 2659:2013</p> <p>Subpart B of Part 430, Annex J1<br/>                 Subpart B of Part 430, Annex J2<br/>                 Subpart B of Part 430, Annex J3</p> <p>AHAM HLW-1-2013<br/>                 AHAM HLW-1-2010</p> <p>CAN / CSA - C360-13<br/>                 CAN / CSA - C361-16</p> |  |
|--|--|--|--|--|

## 10.6 Scope of Accreditation

Issue No: 07/ Issue Date: 15<sup>th</sup> September 2022  
 File Manager: Atta Subhan

**GAC**

مركز الإعتدال الخليجي  
 GCC ACCREDITATION CENTER



**ACCREDITED**  
**TESTING**  
 ISO/IEC 17025:2017  
 No. ATL 0097

|  |                       |  |  |  |
|--|-----------------------|--|--|--|
| <p>Performance and Approvals Testing (Electricity)</p> | <p>Clothes dryers</p> | <p>Tumble dryers for household use – Methods for measuring the performance</p> | <p>IEC 61121:2012</p> <p>EN 61121:2013+A11:2019</p> <p>BS EN61121:2013+A11:2019</p> <p>AS/NZS 2442.1:1996+A1:1998+A2:1999+A3:2003+A4:2006</p> <p>AS/NZS 2442.1:2021</p> <p>AS/NZS 2442.2:2000+A1:2006+A2:2007</p> <p>AS/NZS 2442.2:2021</p> <p>SANS 61121:2015</p> <p>SASO 2883:2017 + A1:2018 + A2:2020 + A3:2021</p> <p>UAE.S IEC 61121:2012<br/>                 Decree N 009-2017-EM Annex 7</p> <p>UNE EN 61121:2013</p> <p>RTE-INEN 111:2013</p> |  |
|--|-----------------------|--|--|--|

## 10.6 Scope of Accreditation

Issue No: 07/ Issue Date: 15<sup>th</sup> September 2022  
 File Manager: Atta Subhan

**GAC**

مركز الإعتاماد الخليجي  
 GCC ACCREDITATION CENTER



**ACCREDITED**  
**TESTING**  
 ISO/IEC 17025:2017  
 No. ATL 0097

|  |  |  |  |  |
|--|--|--|--|--|
|  |  |  | Subpart B of Part 430, Annex D<br>Subpart B of Part 430, Annex D1<br>Subpart B of Part 430, Annex D2<br><br>CAN / CSA - C361-12<br>CAN / CSA - C361-16 |  |
|--|--|--|--|--|

## 10.6 Scope of Accreditation



Issue No: 07/ Issue Date: 15<sup>th</sup> September 2022  
File Manager: Atta Subhan

|  |                     |   |   |  |
|--|---------------------|---|---|--|
| <p>Performance and Approvals Testing (Electricity)</p> | <p>Washer-dryer</p> | <p>Electric clothes washer-dryers for household use – Methods for measuring the performance</p> | <p>IEC 62512:2012<br/><br/>EN 50229:2015<br/><br/>BS EN50229:2015<br/><br/>EN IEC 62512:2020 + A11:2020<br/><br/>SANS 50229:2010<br/><br/>UAE.S IEC 62512:2012<br/><br/>SANS 50229:2010<br/><br/>UNE EN 50229:2016<br/><br/>RTE-INEN 124:2014<br/><br/>AS/NZS 6400:2016</p> |  |
|--|---------------------|---|---|--|

## 10.6 Scope of Accreditation

Issue No: 07/ Issue Date: 15<sup>th</sup> September 2022  
File Manager: Atta Subhan

|   |  |   |   |  |
|---|--|---|---|--|
| Performance and Approvals Testing (Electricity) | Standby Power  | Household electrical appliances – Measurement of standby power  | IEC 62301:2011<br>CANCSA C62301-11<br>EN 50564:2011<br>ASNZS IEC 62301:2014<br>SANS 62301:2016  |  |
| Performance and Approvals Testing (Electricity) | Washing machines                                       | WASHING MACHINES - WATER EFFICIENCY PERFORMANCE AND RELATED TESTING METHODS   | SPAN TS 3006:2021   |  |
| Performance and Approvals Testing (Electricity) | -Household Electrical Appliance<br>-Lighting equipment | Electromagnetic compatibility – Requirements for household appliances, electric tools and similar apparatus – Part 1: Emission                            | GSO CISPR 14-1, CISPR 14-1:2020, CISPR 14-1:2016, AS/NZS CISPR 14-1:2013, AS CISPR 14-1:2018, AS/NZS CISPR 14.1:2021<br>EN 55014-1:2017<br>EN 55014-1:2017+A11:2020, TCVN7492-1-2018<br>TCVN7492-1-2010 |  |
| Performance and Approvals Testing (Electricity) | -Household Electrical Appliance<br>-Lighting equipment | Electromagnetic compatibility – Requirements for household appliances, electric tools and similar apparatus – Part 2 : Immunity – Product family standard | CISPR 14-2:2020<br>CISPR 14-2:2015<br>EN 55014-2:2015   |  |

## 10.6 Scope of Accreditation

Issue No: 07/ Issue Date: 15<sup>th</sup> September 2022

File Manager: Atta Subhan

|   |  |  |  |  |
|---|--|--|--|--|
| Performance and Approvals Testing (Electricity) | -Household Electrical Appliance<br>-Lighting equipment | Electromagnetic compatibility (EMC) – Part 3-2: limits – limits for harmonic current emissions (Equipment input current $\leq 16$ A per phase)   | GSO IEC 61000-3-2<br>IEC 61000-3-2:2018+AMD1:2020<br>IEC 61000-3-2:2018<br>EN 61000-3-2:2014<br>BS EN IEC 61000-3-2:2019 +A1:2021<br>EN IEC 61000-3-2:2019+A1:2021   |  |
| Performance and Approvals Testing (Electricity) | -Household Electrical Appliance<br>-Lighting equipment | Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current $\leq 16$ A per phase and not subject to conditional connection   | GSO IEC 61000-3-3<br>IEC 61000-3-3 :2013+A1:2017 +A2:2021<br><a href="#">IEC 61000-3-3:2013/AMD2:2021/COR1:2022</a><br>EN 61000-3-3:2013<br>BS EN 61000-3-3:2013+A1:2019 +A2:2021<br>EN 61000-3-3:2013+A1:2019+A2:2021 |  |
| Performance and Approvals Testing (Electricity) | -Household Electrical Appliance<br>-Lighting equipment | Electromagnetic compatibility (EMC) – Part 3-12: Limits – Limits for harmonic currents produced by equipment connected to public low-voltage systems with input current $> 16$ A and $< 75$ A per phase  | GSO IEC 61000-3-12<br>IEC 61000-3-12:2011 +A1:2021<br>BS EN 61000-3-12:2011  |  |
| Performance and Approvals Testing (Electricity) | -Household Electrical Appliance<br>-Lighting equipment | Electromagnetic compatibility (EMC) – Part 3-11: Limits – Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems- Equipment with rated current $\leq 75$ A and subject to conditional connection | GSO IEC 61000-3-11<br>IEC 61000-3-11:2017<br>BS EN IEC 61000-3-11:2019   |  |

## 10.6 Scope of Accreditation

Issue No: 07/ Issue Date: 15<sup>th</sup> September 2022

File Manager: Atta Subhan

|   |  |   |  |  |
|---|--|---|--|--|
| Performance and Approvals Testing (Electricity) | -Household Electrical Appliance<br>-Lighting equipment                         | Equipment for general lighting purposes – EMC immunity requirements   | IEC 61547:2009<br>IEC 61547:2020<br>EN 61547:2009<br>BS EN 61547:2009 (Lighting equipment) | Except Radiated, radio-frequency, electromagnetic field immunity test and Power frequency magnetic field immunity test |
| Performance and Approvals Testing (Electricity) | -Household Electrical Appliance<br>-Lighting equipment                         | Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment | CISPR 15:2018<br>BS EN 55015:2013+A1:2015<br>BS EN IEC 55015:2019 (Lighting equipment)     |  |
| Chemical Testing                                | electrotechnical products including automotive, electrical and electronic part | Polybrominated biphenyls and polybrominated diphenyl ethers in polymers by GC-MS                                    | IEC 62321-6:2015   |  |
| Chemical Testing                                | Paint and Paper  | Polybrominated biphenyls and polybrominated diphenyl ethers in Paint and Paper by GC-MS                             | Inhouse method: SOP no. LBCC-19021 based on IEC-62321-6 edition 1.0:2015-06                |  |



## 10.6 Scope of Accreditation

Issue No: 07/ Issue Date: 15<sup>th</sup> September 2022  
File Manager: Atta Subhan

|                  |  |   |   |  |
|------------------|--|---|---|--|
| Chemical Testing | electrotechnical products including automotive, electrical and electronic part | Phthalates in polymers by GC-MS<br>1.Di-n-buthyl phthalate (DBP)<br>2.Benzyl buthyl phthalate (BBP)<br>3.Bis-(2-ethylhexyl) phthalate (DEHP)<br>4.Di-n-octhyl phthalate (DNOP)<br>5.Di-iso-nonyl phthalate (DINP)<br>6.Di-iso-decyl phthalate (DIDP)<br>7.Bis –iso-buthyl ester phthalate (DIBP)        | IEC 62321-8:2017  |  |
| Chemical Testing | Paint and Paper  | Phthalates in Paint and Paper by GC-MS<br>1.Di-n-buthyl phthalate (DBP)<br>2.Benzyl buthyl phthalate (BBP)<br>3.Bis-(2-ethylhexyl) phthalate (DEHP)<br>4.Di-n-octhyl phthalate (DNOP)<br>5.Di-iso-nonyl phthalate (DINP)<br>6.Di-iso-decyl phthalate (DIDP)<br>7.Bis –iso-buthyl ester phthalate (DIBP) | Inhouse method: SOP no. LBCC-19022 based on IEC-62321-8 edition 1.0:2017-03 |  |
| Chemical Testing | Electrotechnical products including automotive, electrical and electronic part | *Lead (Pb)(Polymer,Electronics,Metals)<br>*Cadmium (Cd)( Polymer,Electronics,Metals)<br>*Chromium (Cr)( Polymer,Electronics)<br>by ICP-OES  | IEC-62321 -5: 2013  |  |

## 10.6 Scope of Accreditation

Issue No: 07/ Issue Date: 15<sup>th</sup> September 2022  
File Manager: Atta Subhan

|                  |  |  |   |  |
|------------------|--|--|---|--|
| Chemical Testing | Paint and Paper  | *Lead (Pb)<br>*Cadmium (Cd)<br>*Chromium (Cr)<br>by ICP-OES  | Inhouse method: SOP no. LBCC-19015 based on IEC-62321-5 edition 1.0:2013-6    |  |
| Chemical Testing | electrotechnical products including automotive, electrical and electronic part | Hexavalent Chromium (Cr VI) in polymers electronics<br>1.Soluble polymer (PVC, PC, ABS)<br>2.Insoluble polymer<br>by the colorimetric method | IEC-62321-7-2: 2017   |  |
| Chemical Testing | Paint and Paper  | Hexavalent Chromium (Cr VI) in Paint and Paper<br>by the colorimetric method   | Inhouse method: SOP no. LBCC-19018 based on IEC-62321-7-2 edition 1.0:2017-03 |  |
| Chemical Testing | electrotechnical products including automotive, electrical and electronic part | Hexavalent Chromium (Cr VI) in colourless and coloured corrosion-protected coatings on metals by the colorimetric method                     | IEC-62321-7-1: 2015   |  |
| Chemical Testing | electrotechnical products including automotive, electrical and electronic part | Mercury (Hg)<br>In polymers, metals and electronics<br>by ICP-OES  | IEC 62321-4:2013+AMD1:2017  |  |
| Chemical Testing | Paint and Paper  | Mercury (Hg) In Paint and Paper<br>by ICP-OES  | Inhouse method: SOP no. LBCC-19015 based on IEC-62321-4 edition 1.1:2017-07   |  |

**Note:** the text in blue indicates the new scope OR update in the Edition of a test method in this issue of the scope of accreditation.

## 10.6 Scope of Accreditation

Issue No: 07/ Issue Date: 15<sup>th</sup> September 2022  
File Manager: Atta Subhan



### Log of Suspended Scopes: None

| TEST CATEGORY | ITEMS, MATERIALS OR PRODUCTS TESTED | SPECIFIC TESTS / PARAMETERS OR PROPERTIES, COMPONENTS, CHARACTERISTICS TESTED | SPECIFICATION, STANDARD TEST METHOD OR TECHNIQUE USED | Date Suspended | Date Reinstated |
|---------------|-------------------------------------|---|---|----------------|-----------------|
|               |                                     |   |   |                |                 |

### Log of Withdrawn Scopes: None

| TEST CATEGORY | ITEMS, MATERIALS OR PRODUCTS TESTED | SPECIFIC TESTS / PARAMETERS OR PROPERTIES, COMPONENTS, CHARACTERISTICS TESTED | SPECIFICATION, STANDARD TEST METHOD OR TECHNIQUE USED | Date Withdrawn |
|---------------|-------------------------------------|---|---|----------------|
|               |                                     |   |   |                |

**END**

Status of this accreditation can be checked in the GAC's website to confirm the validity of this accreditation - <https://www.gac.org.sa/en/>