

## 10.6 Scope of Accreditation

Issue No: 02/ Issue Date: 21-Apr-2019  
Accreditation Manager: Hamza Khan



ACCREDITED  
**TESTING**  
ISO/IEC 17025:2017  
No. ATL 0045

### Testing Laboratory Accreditation No. ATL 0045

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

| Solitaire Gemmological Laboratories - Riyadh   |   |
|--|---|
| Issue No: 02   | Issue Date: 21-04-2019  |
| Address:<br>Office 15, Riyadh Alolaya Center, Olaya Street, King Fahad District, P.O.Box 84904, Riyadh 11681, Saudi Arabia | Contact Person: Eng. Mohannad S. Sedrani<br>Tel: +966 (11) 4190190<br>Fax: +966 (11) 4191990<br>Email: riyadh@solitaire-labs.com<br>Web Address: www.solitaire-labs.com |

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

1- **address:** Office 15, Riyadh Alolaya Center, Olaya Street, King Fahad District, P.O.Box 84904, Riyadh 11681, Saudi Arabia

#### For the following scope:

Version: 3.5

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Date: 22<sup>nd</sup> January 2019

Approved by: Atta Subhan

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### Scope:

#### 7. Chemical Testing:

##### 7.03 Ores and minerals

Scope details are as follows:

| TEST CATEGORY           | ITEMS, MATERIALS OR PRODUCTS TESTED | SPECIFIC TESTS / PARAMETERS OR PROPERTIES, COMPONENTS, CHARACTERISTICS TESTED  | SPECIFICATION, STANDARD TEST METHOD OR TECHNIQUE USED      |
|-------------------------|-------------------------------------|--|--|
| Diamond Grading         | Diamond                             | <ul style="list-style-type: none"> <li>• Proportion Grade.</li> <li>• Clarity Grading.</li> <li>• Colour Grading.</li> <li>• Detection of natural and Synthetic.</li> <li>• Diamond studded jewellery (As per mounting permits).</li> </ul>  | <p>(In-house Method)<br/>SOP-7.2-01<br/>01.01.2019, V1</p> |
| Gemstone Identification | Gemstone                            | <ul style="list-style-type: none"> <li>• Visual Observation (Colour, Phenomenon).</li> <li>• Optic Character.</li> <li>• Refractive Index.</li> <li>• Pleochroism.</li> <li>• Specific Gravity.</li> <li>• Fluorescence.</li> <li>• Detection of natural, synthetic, enhancement, and</li> </ul> | <p>(In-house Method)<br/>SOP-7.2-02<br/>01.01.2019, V1</p> |

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|                         |                                     |  |  |
|-------------------------|-------------------------------------|--|--|
|                         |                                     | <p>treatments.</p> <ul style="list-style-type: none"> <li>• Colour Stone studded jewellery (As per mounting permits).</li> </ul> |  |
| Precious Metals Testing | Precious Metal (Au, Ag, Pd, and Pt) | <ul style="list-style-type: none"> <li>• Precious Metal Compositions by X-ray Fluorescence.</li> </ul>                           | <p>(In-house Method)<br/>SOP-7.2-03<br/>01.01.2019, V1</p> |

**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.

**END**

This conformity assessment body (CAB) is recorded as issuing GAC accredited reports to organizations in the countries listed below. This list is current at the time of issue of this schedule.

| United Arab Emirates | Bahrain | Saudi Arabia | Oman | Qatar | Kuwait | Yemen |
|----------------------|---------|--------------|------|-------|--------|-------|
|                      |         |              |      |       |        |       |