# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** ENVIRONMENTAL TEST FACILITY, TRIDENT INFOSOL PVT. LTD., 1A, KHUSAL GARDEN ARCADE, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-8567 **Page No** 1 of 4

**Validity** 05/07/2022 to 04/07/2024 **Last Amended on** 19/07/2022

| S.No | Discipline / Group | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|---|---|---|---|---|
| Permanent Facility | | | | |
| 1 | ELECTRONICS-ENVIRONMENTAL TEST FACILITY | Electronics / Electrical / Electro Mechanical / Mechanical Equipment / Components, Aerospace & Avionics Products | Cold (Low) Temperature | JSS 50101:1996 (Rev No. 1, Test 21) |
| 2 | ELECTRONICS-ENVIRONMENTAL TEST FACILITY | Electronics / Electrical / Electro Mechanical / Mechanical Equipment / Components, Aerospace & Avionics Products | Cold (Low) Temperature | JSS 55555:2012 (Rev 03, Test 20) |
| 3 | ELECTRONICS-ENVIRONMENTAL TEST FACILITY | Electronics / Electrical / Electro Mechanical / Mechanical Equipment / Components, Aerospace & Avionics Products | Cold (Low) Temperature | MIL STD 810D Method 502 |
| 4 | ELECTRONICS-ENVIRONMENTAL TEST FACILITY | Electronics / Electrical / Electro Mechanical / Mechanical Equipment / Components, Aerospace & Avionics Products | Cold (Low) Temperature | MIL STD 810-E Method 502 |
| 5 | ELECTRONICS-ENVIRONMENTAL TEST FACILITY | Electronics / Electrical / Electro Mechanical / Mechanical Equipment / Components, Aerospace & Avionics Products | Cold (Low) Temperature | MIL STD 810F Method 502 |
| 6 | ELECTRONICS-ENVIRONMENTAL TEST FACILITY | Electronics / Electrical / Electro Mechanical / Mechanical Equipment / Components, Aerospace & Avionics Products | Cold (Low) Temperature | MIL STD 810G Method 502 |
| 7 | ELECTRONICS-ENVIRONMENTAL TEST FACILITY | Electronics / Electrical / Electro Mechanical / Mechanical Equipment / Components, Aerospace & Avionics Products | Damp Heat | MIL STD 810D Method 507 |
| 8 | ELECTRONICS-ENVIRONMENTAL TEST FACILITY | Electronics / Electrical / Electro Mechanical / Mechanical Equipment / Components, Aerospace & Avionics Products | Damp Heat | MIL STD 810-F Method 507 |
| 9 | ELECTRONICS-ENVIRONMENTAL TEST FACILITY | Electronics / Electrical / Electro Mechanical / Mechanical Equipment / Components, Aerospace & Avionics Products | Damp Heat | MIL STD 810G Method 507 |
| 10 | ELECTRONICS-ENVIRONMENTAL TEST FACILITY | Electronics / Electrical / Electro Mechanical / Mechanical Equipment / Components, Aerospace & Avionics Products | Damp Heat (Humidity) Cyclic | JSS 50101:1996 Test No. 5 |
| 11 | ELECTRONICS-ENVIRONMENTAL TEST FACILITY | Electronics / Electrical / Electro Mechanical / Mechanical Equipment / Components, Aerospace & Avionics Products | Damp Heat / Humidity (Steady state) | JSS 50101 (Rev No. 1) test No. 7 |
| 12 | ELECTRONICS-ENVIRONMENTAL TEST FACILITY | Electronics / Electrical / Electro Mechanical / Mechanical Equipment / Components, Aerospace & Avionics Products | Damp Heat / Humidity (Steady state) | JSS 55555:2012 (Rev No. 3), Test No. 10 |
| 13 | ELECTRONICS-ENVIRONMENTAL TEST FACILITY | Electronics / Electrical / Electro Mechanical / Mechanical Equipment / Components, Aerospace & Avionics Products | Damp Heat / Humidity (Steady State) | MIL STD 810D Method 507 |

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| **Accreditation Standard** | ISO/IEC 17025:2017 | | |
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| **Validity** | 05/07/2022 to 04/07/2024 | **Last Amended on** | 19/07/2022 |

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| 14 | ELECTRONICS-ENVIRONMENTAL TEST FACILITY | Electronics / Electrical / Electro Mechanical / Mechanical Equipment / Components, Aerospace & Avionics Products | Damp Heat / Humidity (Steady State) | MIL STD 810E, Method 507 |
| 15 | ELECTRONICS-ENVIRONMENTAL TEST FACILITY | Electronics / Electrical / Electro Mechanical / Mechanical Equipment / Components, Aerospace & Avionics Products | Damp Heat / Humidity (Steady State) | MIL STD 810F, Method 507 |
| 16 | ELECTRONICS-ENVIRONMENTAL TEST FACILITY | Electronics / Electrical / Electro Mechanical / Mechanical Equipment / Components, Aerospace & Avionics Products | Damp Heat / Humidity (Steady State) | MIL STD 810G, Method 507 |
| 17 | ELECTRONICS-ENVIRONMENTAL TEST FACILITY | Electronics / Electrical / Electro Mechanical / Mechanical Equipment / Components, Aerospace & Avionics Products | Dry Heat / High Temperature | JSS 50101:1996(Rev 01) Test 22, |
| 18 | ELECTRONICS-ENVIRONMENTAL TEST FACILITY | Electronics / Electrical / Electro Mechanical / Mechanical Equipment / Components, Aerospace & Avionics Products | Dry Heat / High Temperature | JSS 55555:2012 Rev 03 Test 17 |
| 19 | ELECTRONICS-ENVIRONMENTAL TEST FACILITY | Electronics / Electrical / Electro Mechanical / Mechanical Equipment / Components, Aerospace & Avionics Products | Dry Heat / High Temperature | MIL STD 810E Method 501.3, |
| 20 | ELECTRONICS-ENVIRONMENTAL TEST FACILITY | Electronics / Electrical / Electro Mechanical / Mechanical Equipment / Components, Aerospace & Avionics Products | Dry Heat / High Temperature | MIL STD 810F Method 501.4 |
| 21 | ELECTRONICS-ENVIRONMENTAL TEST FACILITY | Electronics / Electrical / Electro Mechanical / Mechanical Equipment / Components, Aerospace & Avionics Products | Dry Heat / High Temperature | MIL STD 810G Method 501.5 |
| 22 | ELECTRONICS-ENVIRONMENTAL TEST FACILITY | Electronics / Electrical / Electro Mechanical / Mechanical Equipment / Components, Aerospace & Avionics Products | Dry Heat / High Temperature | MIL-STD 810D Method 501.2 |
| 23 | ELECTRONICS-ENVIRONMENTAL TEST FACILITY | Electronics / Electrical / Electro Mechanical / Mechanical Equipment / Components, Aerospace & Avionics Products | Dry Heat / High Termperature | Dry Heat test as per IS 9000(Part 3) |
| 24 | ELECTRONICS-ENVIRONMENTAL TEST FACILITY | Electronics / Electrical / Electro Mechanical / Mechanical Equipment / Components, Aerospace & Avionics Products | Mechanical Shock | JSS 55555:2012 Test |
| 25 | ELECTRONICS-ENVIRONMENTAL TEST FACILITY | Electronics / Electrical / Electro Mechanical / Mechanical Equipment / Components, Aerospace & Avionics Products | Mechanical Shock | MIL STD 810D Method 516.3, |
| 26 | ELECTRONICS-ENVIRONMENTAL TEST FACILITY | Electronics / Electrical / Electro Mechanical / Mechanical Equipment / Components, Aerospace & Avionics Products | Mechanical Shock | MIL STD 810E Method 516.4 |
| 27 | ELECTRONICS-ENVIRONMENTAL TEST FACILITY | Electronics / Electrical / Electro Mechanical / Mechanical Equipment / Components, Aerospace & Avionics Products | Mechanical Shock | MIL STD 810F Method 516.5, |

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**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-8567 **Page No** 3 of 4

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| 28 | ELECTRONICS-ENVIRONMENTAL TEST FACILITY | Electronics / Electrical / Electro Mechanical / Mechanical Equipment / Components, Aerospace & Avionics Products | Mechanical Shock | MIL STD 810G Method 516.6 |
| 29 | ELECTRONICS-ENVIRONMENTAL TEST FACILITY | Electronics / Electrical / Electro Mechanical / Mechanical Equipment / Components, Aerospace & Avionics Products | Mechanical Shock | MIL-STD-202G Method 202D, |
| 30 | ELECTRONICS-ENVIRONMENTAL TEST FACILITY | Electronics / Electrical / Electro Mechanical / Mechanical Equipment / Components, Aerospace & Avionics Products | Random Vibration Simulation | DQA(Navy) Guidelines dt 14 Jun 2013 |
| 31 | ELECTRONICS-ENVIRONMENTAL TEST FACILITY | Electronics / Electrical / Electro Mechanical / Mechanical Equipment / Components, Aerospace & Avionics Products | Random Vibration Simulation | JSS 50101, Test Number 24 |
| 32 | ELECTRONICS-ENVIRONMENTAL TEST FACILITY | Electronics / Electrical / Electro Mechanical / Mechanical Equipment / Components, Aerospace & Avionics Products | Random Vibration Simulation | JSS 55555, Test Number 28 |
| 33 | ELECTRONICS-ENVIRONMENTAL TEST FACILITY | Electronics / Electrical / Electro Mechanical / Mechanical Equipment / Components, Aerospace & Avionics Products | Random Vibration Simulation | MIL STD 2164EC (withdrawn standard) |
| 34 | ELECTRONICS-ENVIRONMENTAL TEST FACILITY | Electronics / Electrical / Electro Mechanical / Mechanical Equipment / Components, Aerospace & Avionics Products | Random Vibration Simulation | MIL STD 810D, Method 514.3 |
| 35 | ELECTRONICS-ENVIRONMENTAL TEST FACILITY | Electronics / Electrical / Electro Mechanical / Mechanical Equipment / Components, Aerospace & Avionics Products | Random Vibration Simulation | MIL STD 810E, Method 514 |
| 36 | ELECTRONICS-ENVIRONMENTAL TEST FACILITY | Electronics / Electrical / Electro Mechanical / Mechanical Equipment / Components, Aerospace & Avionics Products | Random Vibration Simulation | MIL STD 810F, Method 514 |
| 37 | ELECTRONICS-ENVIRONMENTAL TEST FACILITY | Electronics / Electrical / Electro Mechanical / Mechanical Equipment / Components, Aerospace & Avionics Products | Random Vibration Simulation | MIL STD 810G, Method 514 |
| 38 | ELECTRONICS-ENVIRONMENTAL TEST FACILITY | Electronics / Electrical / Electro Mechanical / Mechanical Equipment / Components, Aerospace & Avionics Products | Random Vibration Simulation | MIL-STD-202G Method 201A, 204D & 214A |
| 39 | ELECTRONICS-ENVIRONMENTAL TEST FACILITY | Electronics / Electrical / Electro Mechanical / Mechanical Equipment / Components, Aerospace & Avionics Products | Sinusoidal Vibration Simulation | JSS 50101 Test No. 23 |
| 40 | ELECTRONICS-ENVIRONMENTAL TEST FACILITY | Electronics / Electrical / Electro Mechanical / Mechanical Equipment / Components, Aerospace & Avionics Products | Sinusoidal Vibration Simulation | JSS 55555:2012 Test 28 |
| 41 | ELECTRONICS-ENVIRONMENTAL TEST FACILITY | Electronics / Electrical / Electro Mechanical / Mechanical Equipment / Components, Aerospace & Avionics Products | Sinusoidal Vibration Simulation | MIL STD 810D Method 514.3 |

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| 42 | ELECTRONICS-ENVIRONMENTAL TEST FACILITY | Electronics / Electrical / Electro Mechanical / Mechanical Equipment / Components, Aerospace & Avionics Products | Sinusoidal Vibration Simulation | MIL STD 810E Method 514.4 |
| 43 | ELECTRONICS-ENVIRONMENTAL TEST FACILITY | Electronics / Electrical / Electro Mechanical / Mechanical Equipment / Components, Aerospace & Avionics Products | Sinusoidal Vibration Simulation | MIL STD 810F Method 514.5 |
| 44 | ELECTRONICS-ENVIRONMENTAL TEST FACILITY | Electronics / Electrical / Electro Mechanical / Mechanical Equipment / Components, Aerospace & Avionics Products | Temperature Cycling | DQA(Navy) Guidelines dt 14 Jun 2013 |
| 45 | ELECTRONICS-ENVIRONMENTAL TEST FACILITY | Electronics / Electrical / Electro Mechanical / Mechanical Equipment / Components, Aerospace & Avionics Products | Temperature Cycling | JSS 50101 Test No. 20 |
| 46 | ELECTRONICS-ENVIRONMENTAL TEST FACILITY | Electronics / Electrical / Electro Mechanical / Mechanical Equipment / Components, Aerospace & Avionics Products | Temperature Cycling | MIL STD 2164EC Para 5.2.2 (withdrawn standard) |
| 47 | ELECTRONICS-ENVIRONMENTAL TEST FACILITY | Electronics / Electrical / Electro Mechanical / Mechanical Equipment / Components, Aerospace & Avionics Products | Thermal Shock | JSS 50101 :1996 Test No. 20 |
| 48 | ELECTRONICS-ENVIRONMENTAL TEST FACILITY | Electronics / Electrical / Electro Mechanical / Mechanical Equipment / Components, Aerospace & Avionics Products | Thermal Shock | JSS 55555:2012 (Rev 03) Test 22 |
| 49 | ELECTRONICS-ENVIRONMENTAL TEST FACILITY | Electronics / Electrical / Electro Mechanical / Mechanical Equipment / Components, Aerospace & Avionics Products | Thermal Shock | MIL STD 810D method 503.2 |
| 50 | ELECTRONICS-ENVIRONMENTAL TEST FACILITY | Electronics / Electrical / Electro Mechanical / Mechanical Equipment / Components, Aerospace & Avionics Products | Thermal Shock | MIL STD 810E method 503.3 |
| 51 | ELECTRONICS-ENVIRONMENTAL TEST FACILITY | Electronics / Electrical / Electro Mechanical / Mechanical Equipment / Components, Aerospace & Avionics Products | Thermal Shock | MIL STD 810F method 503.4 |
| 52 | ELECTRONICS-ENVIRONMENTAL TEST FACILITY | Electronics / Electrical / Electro Mechanical / Mechanical Equipment / Components, Aerospace & Avionics Products | Thermal Shock | MIL STD 810G Method 503.5 |
| 53 | ELECTRONICS-ENVIRONMENTAL TEST FACILITY | Electronics / Electrical / Electro Mechanical / Mechanical Equipment / Components, Aerospace & Avionics Products | Tropical Exposure | JSS 55555:2012 Rev 3 Test 27 |
| 54 | ELECTRONICS-ENVIRONMENTAL TEST FACILITY | Electronics / Electrical / Electro Mechanical/ Mechanical Equipments / components, Aerospace & Avionics Products | Damp Test | MIL STD 810-E Method 507-3 |