

Environmental Testing Laboratory

Test Standards

MIL-STD-810 G,F,H

JSS-55555

QM-333-CAT A,B,C,D

IEC-60068

•NABL Accredited Facility as per ISO / IEC 17025: 2017 requirements

•Fully automated Environmental Test Facility with highly sophisticated instruments for a wide range of Testing Services catering to Defence, Aerospace, Automotive and Commercial Products for conformance to applicable standards thereby improving the quality and performance.



ITI LIMITED
(A Govt. of India Undertaking)



TC-16890

Contact us 
For Business Enquiries:

NARASIMHAPPA N.S
MANAGER
Ph : 9986692345

SURYA TEJA . S
Asst MANAGER
Ph: 9493360678

rel_bgp@itild.co.in
emiemc_bgp@itild.co.in



Our Capabilities:

- Environmental stress screening (ESS)
- HALT & HASS testing.
- Acceleration Test.
- Vibration, shock, and bump testing
- Temperature and humidity cycling
- Salt fog and CATH test.

Walk-in Dry/Cold chamber



Make: Heraeus Votsch

Temperature Range:

-40°C to +70°C

Ramp Rate: 1°C / min

Chamber Capacity:

3.0 x 1.8 x 3.2 Meter

ESS Chamber



Make: CME

Temperature Range:

-70°C to +180°C

Humidity: 10 to 98% RH

Ramp Rate: Upto 15°C / min

Chamber Capacity:

1.2x1.2x1.3 Meter

CATH Chamber



Make: CME

Temperature Range:

-70°C to +180°C

Humidity: 10 to 95% RH

Altitude: Upto 1 mbar

Ramp Rate : up to 5°C / min

Chamber Capacity:

1 2x1.2x1.2 Meter

Vibration Test System



Make: Tarang Kinetics

Work Space: 500 x 500 mm

Weight Limit: Upto 40 Kg's

Maximum Acc I: 75g

Operating Range:

5Hz to 3000 Hz

Acceleration Test System



Make: Dynamic Associates

Table Size:

500 x 500 mm

Weight Limit: Upto 50 Kg

Acceleration. Up to 50g

Bump Test System



Make: Micron

Work Space:

1000 x 1000 mm

Weight Limit: Up to 500 Kg

Acceleration: : 3 to 50g

03 to 18 milliseconds (±10%)

Mechanical Shock Test System



Make: Micron

Work Space: 1.0 x 1.0 Meter

Weight Limit: Upto 100 Kg

Acceleration: 10to 50g

HALT/HASS Test chamber



Make: Qualmark USA

Temperature Range:

-100°C to +200°C

Vibration Range:

10 Hz to 5000 Hz

Ramp Rate. Upto 60°C / min

Chamber Capacity:

0.9 x 0.9 x 0.9 Meter

Drop Test chamber



Make: Bharati Automation

Drop Height: Upto 1.5 Meter

Weight Limit: Upto 40 Kg

Salt Spray Test chamber



Make: Envisys Technologies

Work Space:

400 x 400 x 400 mm

Temperature: Upto 35 °C

Weight Limit: Upto 40 Kg