

1 Noise, Vibration and Shock Tests at Environmental Qualification Laboratory

2 Custom Developed Data-Loggers Supplied to Indian Space Research Organisation

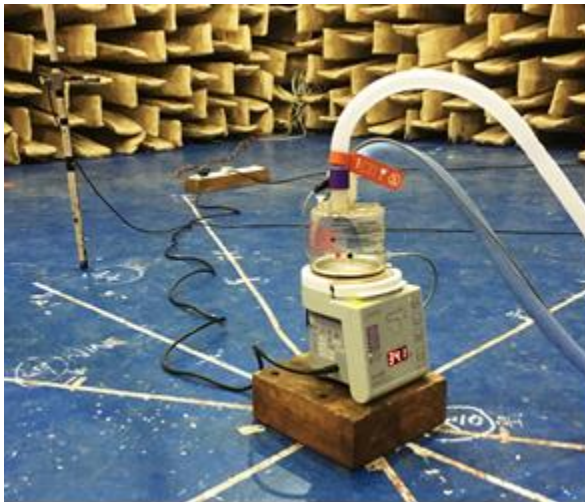
3 Ingress Protection Tests on Water-meters

4 The 29th FCRI Foundation Day Celebrations

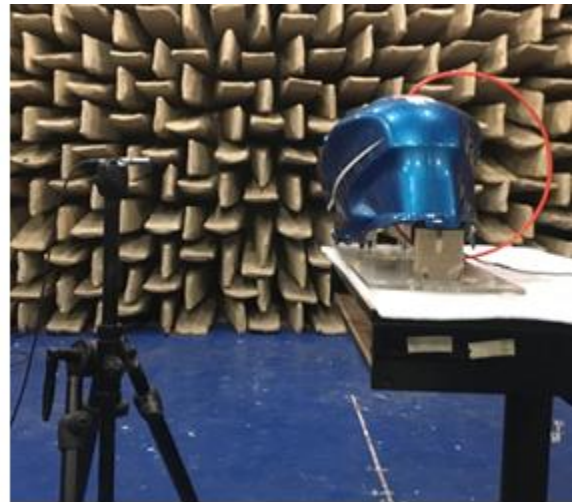
1.Noise, Vibration and Shock Tests at Environmental Qualification Laboratory

a) Noise Test

Sound Pressure Level measurement of RESPIRATORY HUMIDIFIER was performed at the Acoustic Test Facility of FCRI. Sound Pressure Level evaluation was also performed for a FUEL PUMP at the Facility.



Noise Test at Acoustic Test Facility



Noise Test at Acoustic Test Facility

b) Vibration & Shock test

Vibration test was conducted on a FRONTIER F210 UHF as per test protocol provided by the customer at the FCRI Vibration Test Facility.

Shock test was conducted on two numbers of CRYSTAL OSCILLATORS at the Facility.



Vibration Test



Shock Test

2. Custom Developed Data-Loggers Supplied to Indian Space Research Organisation

FCRI delivered three numbers of custom designed Data-loggers to MPSPD Division of Liquid Propulsion Systems Centre, Bangalore. The units operated through Windows based GUI on Laptop/PC have 32 Inputs and 9 Outputs and are capable of acquiring data at user selectable rate from 1 Samples per second to more than 2000 Samples per second.



Datalogger *DL Traffic 018* units designed and manufactured by FCRI.

3. Ingress Protection Test on Water-meters

Ingress protection (IP 68) test was conducted on Water-meter as per IEC 60529 Edition 2.2 2013-08 at the Environmental Qualifications Laboratory. Ingress Protection Test for IP 5X was conducted on the Device Under Test (DUT) as per test procedure specified in IEC 60529 /Ed 2.2 2013-08 (Sec 13.4, Cat 2 Enclosures) for a period of 8 hrs.

Ingress Protection Test as per IP X8 was conducted on a second sample as per IEC 60529 Ed-2.2 2013-08 (section 14.2.8), with meter immersed in water to a depth of 1.5m for a period of 4 hrs.



IP 5X tests on a DUT

4. The 29th FCRI Foundation Day Celebrations.

FCRI Foundation day was celebrated on 18th April 2018 in commemoration of its dedication to the nation on 18 April 1989 by the then President of India, Honourable Shri R Venkataraman. As part of the celebrations, spot games and cultural Programmes were held in the evening with participation by FCRI Employees and their family members. The Chief Guest at the event, Dr. P. Suresh Babu, I.A.S., District Collector, Palakkad, addressed the function.



Family members, International Trainees at the Foundation Day



Chief Guest Dr. P Suresh Babu, I.A.S., (centre) with FCRI officials on the dias.

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