

Dated: 17/07/26

TENDER

SUBJECT: REQUIREMENT OF RESPONSE/QUOTE WITH
TIMELINES FOR MIL STANDARD TESTING FACILITY.

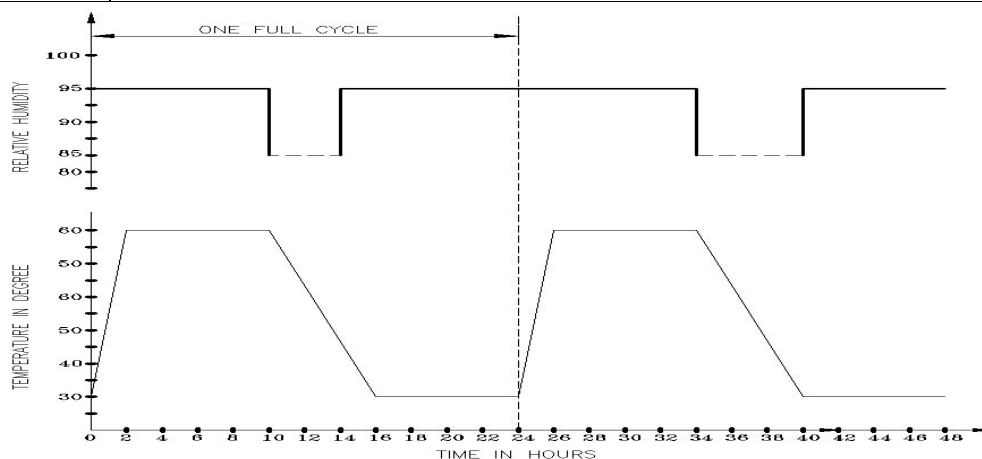
REFERENCE: 02/17/07/26

1. TEST FACILITY/TEST CENTRE FOR AIRWORTHY ITEMS, MIL-STD 810 F/G/
2. PREFERENCE WILL BE GIVEN TO THE FACILITY/TEST CENTRE HAVING
TESTS UNDER ONE ROOF.
3. REPRESENTATIVES/TEAM FOR OBSERVING THE TESTS SHOULD BE
ALLOWED.
4. QUOTE VALIDITY: 90 DAYS
5. NO THIRD PARTY INVOLVEMENT.
6. PAYMENTS WILL BE CLEARED AFTER SUCCESSFUL TESTING/REPORTS AS
PER CSIR-CSIO GUIDELINES.
7. TECHNICAL DETAILS/REQUIREMENTS: ATTACHED
8. CONTACT DETAILS: harry.garg.csio@csir.res.in, vksehjal.csio@csir.res.in,
sunil.kumar.csio@csir.res.in
9. LAST DATE: 5 DAYS FROM DATE OF TENDER
10. TERMS & CONDITIONS AS PER CSIR-CSIO RULES.


Dr. Harry Garg

HUMIDITY TEST

STEP-1:	Place the unit in humidity chamber in non-operating condition.
STEP-2:	Adjust the chamber humidity $95 \pm 5\%$ R.H. and raise the chamber temperature to 60°C within first 2 Hrs. Maintain the condition for next 8 hours.
STEP-3:	Reduce chamber temp to 30°C in next 6 hours maintaining the RH above 85%.
STEP-4:	Raise the humidity to 95% at 30°C and maintain for another 8 hours. STEP-2, 3 & 4 constitutes one cycle of 24 hrs.
STEP-5:	Repeat STEP-2, STEP-3 & STEP-4 for another 9 times totalling to 240 hrs.
STEP-6:	Carry out Insulation Resistance Test allowing recovery period of 24 hours in ambient condition in order to assess the permanent deterioration if any, and record the results
STEP-7:	Carry out functional check during last 1/2 hr of 1st, 5th & 10th cycle of test and record the results.



: Humidity Cycle: 10 nOS