

CENTRAL POWER RESEARCH INSTITUTE



TEST REPORT

Test Report Number : CPRI/LRE/ATDMISC24T0240 **Date:** 30 July 2024

Name and Address of the Customer : M/s. RICHTECH GEARS PVT. LTD.,
T-235 SIDCO Women Industrial Estate,
Kattur Village, Thirumullaivoyal,
Chennai-6000 062

Name and Address of the Manufacturer : M/s. RICHTECH GEARS PVT. LTD.,
T-235 SIDCO Women Industrial Estate,
Kattur Village, Thirumullaivoyal,
Chennai-6000 062

Particulars of sample tested : RG170 MANUAL GEAR UNIT
Type : Outdoor
Description of test sample : RG170 MANUAL GEAR UNIT, Gear ratio 46:1 Output Torque 1706N-m
Serial Number : --
Number of samples tested : One

Date(s) of Test(s) : 27 June 2024 and 28 June 2024

CPRI Sample code Number(s). : EATDMISC24S0125

Particulars of tests conducted : IP 68 Category 2 Test
Test in accordance with Standard/Specification : Following the procedure as per IEC 60529: EDITION 2.2, 2013-08

Sampling Plan : Not Applicable
Customer's Requirement : IP 68 Category 2 test as above, Verification for the ingress of dust and water is to be carried out after IP 68 category 2 test, as the top cover plate is completely sealed with sealant gasket, which is not openable often.

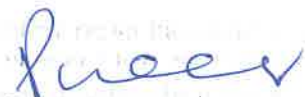
Deviations if any : Nil

Name of the witnessing persons
Customers representative : Mr. K.Muralidharan, Design Engineer
Other than customer's representatives : None
Test subcontracted with address of the laboratory : None

Documents constituting this report (in words)
Number of Sheets : Four
Number of Oscillogram(s) : Nil
Number of Graph(s) : Nil
Number of Photograph(s) : Six
Number of Test Circuit Diagram(s) : Nil
Number of Drawing(s) : One


(D. Venkatesh)
Test Engineer




(Dr. P. Chandra Sekhar)
Head of Division
Reviewed and Authorized by