

# CENTRAL POWER RESEARCH INSTITUTE



**CPRI**

## TEST REPORT

**Test Report Number** : CPRIBPLSTNC23T0166 **Date:** 28 July 2023

**Name and Address of the Customer** : M/s. Nexus Electromech,  
E-178, Electronics GIDC,  
Gandhinagar, Gujarat-382 026.

**Name and Address of the Manufacturer** : M/s. Nexus Electromech,  
E-178, Electronics GIDC,  
Gandhinagar, Gujarat-382 026.

**Particulars of Sample tested** : 415V, 1250A, LT Panel (PCC)

**Type** : IP-56-TYPE-2  
**Description of test sample** : 415V, 1250A, LT Panel (PCC)  
**Serial Number** : NECP-42-01  
**Number of Sample tested** : One

**Date(s) of Test(s)** : 12 April 2023 & 13 April 2023  
**CPRI sample code number(s)** : STNC23S0137

**Particulars of test(s) conducted** : Degree of Protection IP-56 (Category-II)

**Test in accordance with Standard/specification** : IEC 61439 (Part-1):2020.

**Sampling Plan** : Nil  
**Customer's Requirement** : Nil  
**Deviations, if any** : Nil

**Name of the witnessing persons** :  
**Customer's Representatives** : Shri. Deepak Chavda  
Shri. Alpesh Patel.  
**Other than Customer's Representatives** : Nil

**Test subcontracted with address of the laboratory** : None

**Documents constituting this report (in words)**

No. of Sheet(s)	: Six
No. of Oscillogram(s)	: Nil
No. of Graph(s)	: Nil
No. of Photograph(s)	: One
No. of Test Circuit Diagram(s)	: Nil
No. of drawing(s)	: Four

  
(Manoj Hirani)  
Test Engineer



  
(Sarita Dongre)  
Head of Division  
Reviewed and Authorized By

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### DESCRIPTION OF THE SAMPLE TESTED (As assigned by the manufacturer)

Sample	: 415V, 1250A LT Panel (PCC)
Rated voltage (Volts)	: 415
Rated current (Amps)	: 1250
Frequency (Hz)	: 50
Insulation level (Vrms / kVp)	: 1000/-
No. of phases	: Three
No. of poles	: Three
Dimensions of the sample (mm)	: As per drawing

  
(Manoj Hirani)  
Test Engineer