ASTA TYPE CERTIFICATE

VERIFICATION OF TEST

Project No: G104913641LCS012 **Certificate No:** ASTA-TYPE-0001629

Vendor: PRABHAT ELECTRONIC AND ELECTRICALS,
EL53 & EL53/1, Electronic Zone, TTC, MIDC, Mahape, Navi Mumbai – 400709, Maharashtra, India.

Apparatus: 4000A, 415V/750V/6kV (U_e=U_n/U_i/U_{imp}), 50Hz, IP43, extendable on both sides, power switchgear and controlgear (PSC) assembly incorporating a three-phase and neutral, vertical and horizontal busbar system, with one incoming ACB unit, two outgoing ACB units, three outgoing MCCB units, one DOL starter and a protective circuit. U_i= U_e=230V auxiliary circuit not connected to main circuit.

Tested By: ERDA, Electrical Research and Development Association, Vadodara-390010, India
CPRI, Central Power Research Institute, Bengaluru-560080, India
Intertek India Private Limited, Mumbai-400072, India

Test Report No: CPRIBLRSCL21T0332, CPRIBLRSCL21T0335, WO-2122-005450, G104557666-MUM-001, WO-2122-002077

Designation: PMCC panel

The apparatus which is representative of the designation, supplied drawings and photographs has been evaluated in accordance with:

IEC 61439-1 and 2: Edition 3.0 2020-05 and 2020-07 and BS EN 61439-2: 2011

Verifications with reference to the tests listed in Annex D of IEC 61439-1: Edition 3.0 2020-05

1:	Strength of material and parts	6/7/8:	No verification by testing required
2:	Degree of protection of enclosures	9:	Dielectric properties
3:	Clearances	10:	Temperature-rise limits
4:	Creepage distances	11:	Short-circuit withstand strength
5:	Protection against electric shock and integrity of protective circuits	12:	Electromagnetic compatibility (EMC)

The results are shown in the record of tests attached hereto. The values obtained and the general performance is considered to comply with the above Standard(s) and to justify the ratings assigned by the manufacturer as stated on the ratings page(s) of this Certificate. This Certificate applies only to the apparatus tested. Responsibility for conformity of any apparatus having the same or other designations rests with the Manufacturer.

UKAS PRODUCT CERTIFICATION
010

Certification Engineer

Certification Officer

22nd December 2021 Date

This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.
This certificate is accredited under UKAS accreditation No. 0010 and the outcome falls within the bounds of flexible scope accreditation
Issued by Intertek Testing & Certification Ltd., Academy Place, 1-9 Brook Street, Brentwood CM14 5NQ, United Kingdom