National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : POWER BUSBAR TESTING LABORATORY, C&S ELECTRIC LIMITED, INTEGRATED INDUSTRIAL ESTATE, PLOT NO. 1C, SECTOR-8C, SIDCUL, RANIPUR, HARIDWAR, UTTARAKHAND, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10439 **Page No** 1 of 3

Validity 23/03/2022 to 22/03/2024 **Last Amended on** -

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	L.V/M.V Busducts/Bus Bar Trunking System & cubicles	Clearance and creepage distances	IEC 61439-1
2	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	L.V/M.V Busducts/Bus Bar Trunking System & cubicles	Clearance and creepage distances	IEC 61439-6
3	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	L.V/M.V Busducts/Bus Bar Trunking System & cubicles (Upto 36kV, 30000A)	Insulation Resistance Test	IS 8084
4	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	L.V/M.V Busducts/Bus Bar Trunking System & cubicles (Upto 36kV, 30000A)	Dielectric/Power Frequency voltage withstand test	IEC 61439-1
5	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	L.V/M.V Busducts/Bus Bar Trunking System & cubicles (Upto 36kV, 30000A)	Dielectric/Power Frequency voltage withstand test	IEC 61439-6
6	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	L.V/M.V Busducts/Bus Bar Trunking System & cubicles (Upto 36kV, 30000A)	Dielectric/Power Frequency voltage withstand test	IEC 62271-200
7	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	L.V/M.V Busducts/Bus Bar Trunking System & cubicles (Upto 36kV, 30000A)	Dielectric/Power Frequency voltage withstand test	IEEE C37.23
8	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	L.V/M.V Busducts/Bus Bar Trunking System & cubicles (Upto 36kV, 30000A)	Dielectric/Power Frequency voltage withstand test	IS 8084
9	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	L.V/M.V Busducts/Bus Bar Trunking System & cubicles (Upto 36kV, 30000A)	Impulse Voltage test	IEC 61439-1
10	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	L.V/M.V Busducts/Bus Bar Trunking System & cubicles (Upto 36kV, 30000A)	Impulse Voltage test	IEC 61439-6

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11	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	L.V/M.V Busducts/Bus Bar Trunking System & cubicles (Upto 36kV, 30000A)	Impulse Voltage test	IEC 62271-200
12	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	L.V/M.V Busducts/Bus Bar Trunking System & cubicles (Upto 36kV, 30000A)	Impulse Voltage test	IEEE C37.23
13	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	L.V/M.V Busducts/Bus Bar Trunking System & cubicles (Upto 36kV, 30000A)	Impulse Voltage test	IS 8084
14	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	L.V/M.V Busducts/Bus Bar Trunking System & cubicles (Upto 36kV, 30000A)	Insulation Resistance test	IEC 61439-1
15	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	L.V/M.V Busducts/Bus Bar Trunking System & cubicles (Upto 36kV, 30000A)	Insulation Resistance Test	IEC 61439-6
16	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	L.V/M.V Busducts/Bus Bar Trunking System & cubicles (Upto 36kV, 30000A)	Insulation Resistance test	IEC 62271-200
17	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	L.V/M.V Busducts/Bus Bar Trunking System & cubicles (Upto 36kV, 30000A)	Insulation Resistance Test	IEEE C37.23
18	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	L.V/M.V Busducts/Bus Bar Trunking System & cubicles (Upto 36kV, 30000A)	Temperature Rise Test	IEC 61439-1
19	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	L.V/M.V Busducts/Bus Bar Trunking System & cubicles (Upto 36kV, 30000A)	Temperature rise test	IEC 61439-6
20	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	L.V/M.V Busducts/Bus Bar Trunking System & cubicles (Upto 36kV, 30000A)	Temperature rise Test	IEC 62271-200:
21	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	L.V/M.V Busducts/Bus Bar Trunking System & cubicles (Upto 36kV, 30000A)	Temperature rise test	IEEE C37.23

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22	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	L.V/M.V Busducts/Bus Bar Trunking System & cubicles (Upto 36kV, 30000A)	Temperature Rise test	IS 8084