

Independent, accredited testing station \cdot Member laboratory of STL and LOVAG

TYPE TEST REPORT

NO. 1819.1061.3.434

ELSTEEL LTD. CLIENT

Spur Road 2, EPZ

Katunayake / Sri Lanka

ELSTEEL LTD.	MANUFACTURER
Main busbar system of a low-voltage switchgear and controlgear assembly	TEST OBJECT
Test unit 6300 A	TYPE
Test sample	Manufacturing No.

			110.
Rated operational voltage	U _e	690 V	RATED CHARACTERISTICS GIVEN BY THE CLIENT
Rated insulation voltage	U_{i}	1000 V	
Rated impulse withstand current	U_{imp}	8 kV	
Rated current	l _n .	7100 A	
Rated short-time withstand current	l _{cw}	100 kA, 1 s	
Rated peak withstand current	I_{pk}	220 kA	
Rated frequency	f	50 Hz	
Degree of protection		IP 31	

IEC 60439-1: 1999

DIN EN 60439 Teil 1 (VDE 0660 Teil 500): 2000-08

NORMATIVE
DOCUMENT

Verification of

- temperature-rise limits
- dielectric properties
- short-circuit withstand strength
- effectiveness of the protective circuit
- clearances and creepage distances
- degree of protection against access and solid foreign objects, IP 3X

14 to 16 April 2004 DATE OF TEST

The test object has PASSED the type tests. TEST RESULT

Janf

RAINER BORCHERT

For Head of low-voltage test laboratory

Berlin, 24 June 2004



MICHAEL HEISE

Test engineer in charge



Independent test laboratory, accredited by Deutsche Akkreditierungsstelle Technik (DATech) e.V. in the fields of hv. apparatus and switchgear, power cables and power cable accessories, lv. apparatus and switchgear, installation equipment and switching and control equipment



RANGE OF TESTS

PERFORMED