

TYPE TEST REPORT

NO. 1819.1061.3.434

ELSTEEL LTD.
Spur Road 2, EPZ
Katunayake / Sri Lanka

CLIENT

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.

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	I_n	7100 A	
Rated short-time withstand current	I_{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

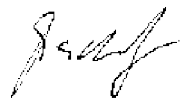
RANGE OF TESTS PERFORMED

14 to 16 April 2004

DATE OF TEST

The test object has PASSED the type tests.

TEST RESULT

RAINER BORCHERT
For Head of low-voltage test laboratory
Berlin, 24 June 2004



MICHAEL HEISE
Test engineer in charge