



# CERTIFICATE

## of Selected Verification Tests

**REPORT DATED:** 11th March 2015

**CERTIFICATE NUMBER:**  
44382/1

**DESIGNATION:**  
2000A Switchboard

**DATE(S) OF TESTS:**  
25th September - 5th December 2014

**APPARATUS:**

1815A 415V/690V/6kV ( $U_n/U_i/U_{imp}$ ), 50Hz extendable low-voltage power switchgear and controlgear assembly comprising: Three phase and neutral main horizontal and vertical busbars, a protective circuit, one incoming ACB, one outgoing MCCB circuit, seven outgoing fuse switches and one ventilation fan.

**MANUFACTURER:**

Paktronic Engineering Co Limited, Alma Park Industrial Estate, Grantham, NG31 9SE

**TESTED BY:**

kA Testing Facility	Prof. Ir. Damstra Laboratory
Leone Works	P.O Box 23, 7550 AA
John Street	Hengelo
New Basford	Europalaan 202
Nottingham	7559 SC Hengelo
NG7 7HL	The Netherlands
UK	

The apparatus, constructed in accordance with the description, drawings and photographs incorporated in this certificate has been subjected to the series of proving tests in accordance with :-

**IEC 61439-2: Edition 2.0 2011-08**

Verifications with reference to the tests listed in Annex D of IEC 61439-1 Edition 2.0 2011-08

2: Degree of Protection of Enclosure	6/7/8: Protection Against Electric Shoc
3: Clearances	9: Dielectric Properties
4: Creepage Distances	10: Temperature-rise Limits
5: Protection Against Electric Shock	11: Short-Circuit Withstand Strength

Refer to pages 1, 2, 3 and 4 for ratings.

The results are shown in the record of Proving 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). This certificate applies only to the apparatus tested. Responsibility for conformity of any apparatus having the same or other designations rests with the Manufacturer.

This certificate comprises: This front sheet, 4 ratings pages plus 140 other pages as detailed on page 5.

Only integral reproductions of this whole certificate or reproductions of this page accompanied by any ratings pages are permitted.

**Stephen Boyes**  
Laboratory Business Manager

**Nick Halaburda**  
Principal Test Engineer

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