

Intertek

Certificate No. 18612A

# ASTA Certificate

## of Verification Tests

Laboratory Ref. No: 2633.2111437.0922

**APPARATUS:** 1600 A / 415 V / 750 V / 6 kV ( $I_{nA}/U_e/U/U_{imp}$ ), 50 Hz power switchgear and controlgear assembly consisting of: a three-phase and neutral main busbar system, a neutral bar, a protective busbar, an incoming ACB-feeder and five outgoing circuits with MCCBs

**DESIGNATION:** 1600A - ELSTEEL TECHNO MODULE Main Distribution Board

**MANUFACTURER:** Pacific Ocean Electrical Switchgear Industries L.L.C.  
P.O. Box 62154, Sharjah, U.A.E.

**TESTED BY:** Institut „Prüffeld für elektrische Hochleistungstechnik“ GmbH  
Landsberger Allee 378A, 12681 Berlin, Germany  
RST Rail System Testing GmbH  
Environmental Lab, 16761 Hennigsdorf, Germany

**DATE(S) OF TESTS:** 20 October 2010 to 22 March 2012

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:

1:	strength of material and parts	9:	dielectric properties
2:	degree of protection	10:	temperature-rise limits
3:	clearances	11:	short-circuit withstand strength
4:	creepage distances	12:	electromagnetic compatibility (EMC)
5:	protection against electric shock	13:	mechanical operation

Refer to pages 1 to 3 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, 3 ratings pages plus 85 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.

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*J. Haring*  
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*R. Hayward*  
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19<sup>th</sup> June 2012

ASTA Observer  
Jens Haring

Certification Manager

Date