

ASTA CERTIFICATE

Laboratory Ref. No. 102617

CERTIFICATE OF SHORT-CIRCUIT AND TEMPERATURE-RISE RATING

APPARATUS: A 1800 A, 415 V / 690 V / 6 kV ($U_e / U_i / U_{imp}$) 50 Hz, busbar trunking system incorporating flanged end, joint stacks, non-weld edgewise elbow and two straight lengths comprising three-phase and neutral, polyester insulation wrap, single stack copper busbars in an extruded aluminium enclosure.

The busbars consisted of a combination of two 150 x 4.8 mm full radius conductors and two 150 x 6.0 mm profile conductors.

DESIGNATION: OC-ETP[®] Profile Copper Bar 1800 A

MANUFACTURER: Oriental Copper Co., Ltd.
700/45 M. 6 Amata Nakorn Industrial Estate
Klongtumru Sub-District, Muang District,
Chonburi 20000 Thailand

TESTED BY: Testing & Certification Australia
18 Mars Road Lane Cove NSW 2066 Australia

DATE(S) OF TESTS: 19 to 25 May 2009

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 Publication 60439-2 : 2005, Consolidated Edition 3.1 and
BSEN 60439-2 : 2000 with Amendment 1:2006,
Clauses 8.2.1 and 8.2.3

The results are shown in the record of Proving Tests and the oscillograms attached hereto. The values obtained and the general performance are considered to comply with the above Standard(s) and to justify the ratings assigned by the manufacturer as stated below.

For ratings assigned by the manufacturer and proved by the tests, see page 1.

The record of Proving Tests applies only to the apparatus tested. The responsibility for conformity of any apparatus having the same designations with that tested rests with the Manufacturer.

This Certificate comprises 18 pages, 1 diagram, 2 oscillograms, 14 photographs, 6 drawings and no other sheets, as detailed on page 2.

Only integral reproduction of this Certificate, or reproductions of this page accompanied by any page(s) on which are stated the assigned rated characteristics of the apparatus tested, are permitted without written permission from Intertek, Hilton House, Corporation Street, Rugby, CV21 2DN United Kingdom. Contact: asta@intertek.com Tel:+44 1788 578 435



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P. J. Ryan
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ASTA Observer

P. Gibson
P. Gibson
Certification
Manager

22ND SEPTEMBER 2009 Date