

# ASTA

## CERTIFICATE OF SELECTED TYPE TESTS

Laboratory Ref. No: A1002068

Certificate No 18080A

**APPARATUS:** 690V/1000V/8kV (Ue/Ui/Uimp) 50Hz three phase and neutral enclosed switchgear and controlgear assembly comprising horizontal busbar, one incoming 1600A ACB, one outgoing section with vertical busbar and 3 outgoing MCCB and an outgoing circuit fitted with one 800A MCCB and a protective circuit.

**DESIGNATION:** xEnergy LV Switchboard system – RSW1600

**MANUFACTURER:** Reliable Switchgear L.L.C.,  
PO Box 114394, DUBAI, U.A.E

**TESTED BY:** Institute for International Product Safety (I<sup>2</sup>PS), Hein-Moeller-Str. 7-11,  
D-53115, Bonn, Germany

**DATES OF TESTS:** 5<sup>th</sup> to 20<sup>th</sup> May 2009, 1<sup>st</sup> October 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 60439-1:2004 Consolidated Edition 4.1 and  
BSEN 60439-1:1999 Incorporating Amendment 1  
Clauses 8.2.1, 8.2.2, 8.2.3, 8.2.4, 8.2.5, 8.2.6**

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 pages 1 & 2.**

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.

Certificate comprises 33 pages, 14 diagrams, 16 oscillograms, 52 photographs, 9 drawings and no other sheets  
attached on page 3

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, England.



010

*R C Webster* ..... R C Webster  
ASTA Observer

*P Gills* ..... Certification  
Manager

12<sup>TH</sup> SEPTEMBER 2011 ..... Date