

# ASTA Certificate

## of Selected Verification Tests

LABORATORY REF. NO: 82336

**APPARATUS:** 2500A, 415V/1000V/8kV (Ue/Ui/Uimp), 50Hz low-voltage switchgear assembly comprising: three phase & neutral main and distribution busbars, protective circuit, one incoming ACB and four outgoing MCCB circuits.  
Two inlet ventilation fans were fitted to front of the assembly.

**DESIGNATION:** 2500A MDB Promaster Switchboard

**MANUFACTURER:** Faisal Jassim Industries, P.O.Box 1871, Dubai Investment Park, Plot 698-1152, Dubai, U.A.E..

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

**DATE(S) OF TESTS:** 2<sup>nd</sup>, 5<sup>th</sup>, 9<sup>th</sup>, 12<sup>th</sup>, 17<sup>th</sup>, 18<sup>th</sup>, 20<sup>th</sup>, 31<sup>st</sup> March and 11<sup>th</sup> 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 61439-2: Edition 1.0 2009-01

Verifications with reference to the tests listed in Annex D

- |                                      |                                      |
|--------------------------------------|--------------------------------------|
| 1: Strength of Materials and Parts   | 9: Temperature-rise Limits           |
| 2: Degree of Protection of Enclosure | 10: Short-circuit Withstand Strength |
| 3: Clearances and Creepage Distances | 11: Electromagnetic Compatibility    |
| 4: Protection Against Electric Shock | 12: Mechanical Operation             |
| 8: Dielectric Properties             |                                      |

Refer to pages 1, 2 and 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 96 other pages as detailed on pages 4 and 5.

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

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ASTA Observer  
Nick Halaburda

Certification Manager

22<sup>ND</sup> July 2009 Date