

PEHLA

GESELLSCHAFT FÜR ELEKTRISCHE HOCHLEISTUNGSPRÜFUNGEN
Member of the SHORT-CIRCUIT TESTING LIAISON (STL)

Test Confirmation

Report No.: 10020Ra - 0 Copy No.: 1 Contents: 2 Sheets

Test object: Metal-enclosed, air-insulated switchgear with vacuum circuit-breaker
Designation: Panel PH-800F with VCB VK-10M25F
Rated voltage: 12 kV Rated normal current: 1250 A Rated frequency: 50 Hz
Serial No.: 130/2009 (switchgear)
A-145F (circuit-breaker)
Drawing No.: 2VB79-0235 (switchgear)
1VC19-0048/04 (circuit-breaker)
Manufacturer: Jyoti Sohar Switchgear L.L.C., Sohar, Sultanate of Oman (Switchgear)
Jyoti Limited, Switchgear Division, Vadodara, India (Circuit-Breaker)
Client: Jyoti Sohar Switchgear L.L.C., Sohar, Sultanate of Oman
Testing station: PEHLA-Testing Laboratory Ratingen, Germany
Date of test: 17th and 18th February 2010

Applied test specifications:

The tests have been carried out in accordance with:
IEC 62271-100 / Ed. 2.0 / 2008-04, Clause 6.4, 6.5.1 – 6.5.4 and 6.5.6,
IEC 62271-200 / 1st Ed. / 2003-11, Clause 6.4.1, 6.5.1 – 6.5.4 and 6.5.6,
IEC 62271-1 / Ed. 1.0 / 2007-10, Clause 6.4.1, 6.5.1 – 6.5.4 and 6.5.6.

Tests performed:

Three-phase temperature-rise test at the rated current of 1250 A at a power-frequency of 50 Hz.
Measurement of the resistance of the main circuit before and after the temperature-rise test.

Test results:

The test object passed the tests performed in accordance with the applied test specifications.

Detailed results will be documented in a separate document.



GESELLSCHAFT FÜR ELEKTRISCHE
HOCHLEISTUNGSPRÜFUNGEN

Herbert Feld

Claus Loquingen

Observers of the test
Representatives of Technical Committee

Ratingen, 18th March 2010

The test results relate only to the items tested.
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04PE0901



DAT-PL-032/93-63