

Test Confirmation

Report No.: 10016Ra - 0

Copy No.: 1

Contents: 2 Sheets

Test object: Metal-enclosed, air-insulated switchgear equipped with vacuum circuit-breaker
Designation: PH-700F equipped with VK-10J25F, width 700 mm
Rated voltage: 12 kV Rated normal current: 630 A Rated frequency: 50 Hz
Serial No.: 131/2009 (switchgear)
A-146(F) (circuit-breaker)
Drawing No.: 2VB79-0233 (switchgear)
1VC19-0048/02 (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: 9th January 2010

Applied test specifications:

The tests have been carried out in accordance with client's instructions based on:

IEC 62271-1, Edition 1.0, 2007-10, clause 6.2.1, 6.2.3, 6.2.4, 6.2.5, 6.2.6,
IEC 62271-200, 1st Edition, 2003-11, clause 6.2.1, 6.2.3, 6.2.4, 6.2.5, 6.2.6.

Tests performed:

Dielectric test

Standard lightning impulse withstand voltage test at 75 kV and power-frequency withstand voltage test at 28 kV to earth, between phases and across circuit-breaker and switch disconnecter.

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

Rafael Kerkhoff

Observers of the test
Representatives of Technical Committee

Ratingen, 29th March 2010

The test results relate only to the items tested.

The authenticity of this document is guaranteed by the integrity of the seal label and seal ribbon. Without a written permission of PEHLA it is not allowed to make reproduction in extracts of this document. Copying the cover sheet accompanied by sheet 2 and the sheets mentioned here is an exception.

04PE0901



DAT-PL-032/93-63