

Photovoltaic Lab

Test Report No.: 02478030.A

Kurort Hartha, 29.01.2013

A. Client: Solarworld AG
Martin-Luther-King-Straße 24
53175 Bonn
Germany

B. Test Sample supplier: Same as A.

C. Test Sample: Poly crystalline solar PV module
Manufacturer/Trademark: Solarworld AG
Model/Type/Serial number: Sunmodule+ SW 245 poly / see ch. 3.1

D. Customer Order ID: BNPOR-12-03430

E. Task: Blowing sand test based on internal testing specification according to DIN EN 60068-2-68 LC2, including initial and final visual inspection (10.1), maximum power determination (10.2), insulation test (MST 16), wet leakage current test (10.15) and Electroluminescence measurement

F. Test and Specification(s): [1] IEC 61215:2005
[2] IEC 61730-2:2004 modified+ IEC 61730-2 AMD 1-2011-11
[3] DIN EN 60068-2-68 LC2

G. Test Result:

- The module passed the insulation test (10.3) and the wet leakage current test (10.15) after the blowing sand tests on frontside.
- The maximum power determination (10.2) showed a power loss of 3,2%.
- Remarkable abrasion in the center of the test module was observed after the blowing sand test

Approved by:
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Business Manager Photovoltaics

29/01/13
Date

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Signature

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