

## IEC TS 62804-1:2015

Photovoltaic (PV) Modules - Test Methods for the detection of potential-induced degradation

Part 1: Crystalline silicone Confirmation of test results

File Ref.:	10745/2022-40183	1 1 11111111		
Applicant:	Meyer Burger (Industries) GmbH An der Baumschule 6-8, 09337 HOHENSTEIN-ERNSTTHAL Germany			
Product:	Crystalline silicon Photovoltaic (PV)-Modules			
Туре:	C) MEYER BURGER GLASS			
Manufacturer:	Meyer Burger (Industries) GmbH Carl-Schiffner-Str. 17, 09599 Freiberg, Germany			
Standard:	IEC TS 62804-1:2015			
Test conditions	<b>s:</b> Test Method a)	Test Method a)		
	Testing time:	96 h		
	Chamber temperature:	85°C		
	Relative humidity:	85 %		
	Potential to ground:	+/- 1500 V		
Pass criteria:				
	Power Degradation:	< 5%		
	Dry Insulation Resistance:	> 40 MΩm²		
	Wet Insulation Resistance:	> 40 MΩm²		
	Visual Inspection:	No findings		

**VDE** RENEWABLES GMBH Siemensstraße 30 63755 Alzenau, Germany Managing Director: Burkhard Holder Tel: +49 69 6308 5300 Fax: +49 69 6308 5320 Email: renewables@vde.com www.vde.com/renewables

Location: Alzenau District Court: Aschaffenburg Registration No: HRB 13820 Tax Number: 204/141/20793 Bank Information: Deutsche Bank AG IBAN: DE14 5007 0010 0235 5006 01 BIC: DEUTDEFFXXX



Summary of test results:

Maximum Power Degradation:	allowed	max. 5 %
	measured	max. 0,48 %

The measured degradation is below the allowed degradation.

Dry Insulation Resistance:	required	min. 22,35 MΩ
	measured	>500 MΩ

The measured dry insulation resistance is above the min. required dry insulation resistance.

Wet Insulation Resistance:	required	min. 22,35 MΩ
	measured	>500 MΩ

The measured wet insulation resistance is above the minimum required wet insulation resistance.

## Visual Inspection:

No findings

The complete test results and the relevant bill of materials are given in Test Report No.: TRPVM-2022-40183-3.

## **VDE Renewables GmbH**

Thomas Hartmann

Arnd Roth

63755 Alzenau, 2022-07-06