

# Test Verification of Conformity

Verification Number: 2021020SGP-VOC1

On the basis of the tests undertaken, the samples of the below product have been found to comply with the requirements of the referenced specification at the time the tests were carried out. This verification is part of the test report SINH21800207 and should be read in conjunction with them.

Applicant Name & Address:	REC Solar Pte Ltd 20 Tuas South Ave 14 Singapore 637312
Product Description:	PV Module
Ratings & Principle Characteristics:	-
Models/Type References:	RECxxxAA Pure (where xxx = 385-410W) RECxxxAA (where xxx = 340-385W) RECxxxAA 72XV (where xxx = 420-450W)
Brand Names:	-
Specification/Standards:	IEC 62321-3-1:2013 and IEC 62321-8:2017
Verification Issuing Office Name & Address:	Intertek Testing Services Singapore Pte Ltd 5 Pereira Road #06-01 Asiawide Industrial Building, Singapore 368025
Date of Tests:	27 May 2021 to 18 June 2021
Test Report Number:	SINH21800207

Additional information in Appendix.

## Signature

**Name:** Ong Keng Chuan  
**Position:** Certification Manager  
**Date:** 24 June 2021

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# APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 2021020SGP-VOC1

## Detail Results

### 1. ROHS Screening by XRF (IEC 62321-3-1:2013)

Part Tested	Cadmium (Cd)	Chromium (Cr) as Cr <sup>6+</sup>	Mercury (Hg)	Lead (Pb)	Bromine (Br) as PBB/PBDE
Aluminium Frame Anodized Layer	ND	ND	ND	ND	ND
Aluminium Frame	ND	ND	ND	ND	ND
Tempered Glass	ND	ND	ND	ND	ND
Power Label	ND	ND	ND	ND	ND
Frame Sealant	ND	ND	ND	ND	ND
Junction Box Sealant	ND	ND	ND	ND	ND
Junction Box Lid	ND	ND	ND	ND	ND
Junction Box Housing	ND	ND	ND	ND	ND
Cable Tie	ND	ND	ND	ND	ND
Junction Box Potting	ND	ND	ND	ND	ND
Cable Conductor	ND	ND	ND	ND	ND
Cable Insulation & Sheath	ND	ND	ND	ND	ND
Front Encapsulant	ND	ND	ND	ND	ND
Solar Cell	ND	ND	ND	ND	ND
Solar Cell Connector	ND	ND	ND	ND	ND
Rear Encapsulant	ND	ND	ND	ND	ND
Backsheet	ND	ND	ND	ND	ND
Connector Screw Cap	ND	ND	ND	ND	ND
Connector Housing	ND	ND	ND	ND	ND
Junction Box Solder Pad	ND	ND	ND	ND	ND
String Connector	ND	ND	ND	ND	ND
Controlled Limit	100	1000	1000	1000	1000

Remark:  
ND = Not Detected  
Detection Limit = 50 ppm

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## Detail Results

### 2. Phthalates Determination (IEC 62321-8:2017)

Part Tested	Bis (2-Ethylhexyl) Phthalate (DEHP)	Dibutyl Phthalate (DBP)	Benzyl Butyl Phthalate (BBP)	Diisobutyl Phthalate (DIBP)
Power Label	ND	ND	ND	ND
White Sealant Filling	ND	ND	ND	ND
Junction Box Lid	ND	ND	ND	ND
Junction Box Housing	ND	ND	ND	ND
Cable Tie	ND	ND	ND	ND
Junction Box Potting	ND	ND	ND	ND
Cable Insulation & Sheath	ND	ND	ND	ND
Front Encapsulant	ND	ND	ND	ND
Solar Cell	ND	ND	ND	ND
Solar Cell Connector	ND	ND	ND	ND
Rear Encapsulant	ND	ND	ND	ND
Connector Screw Cap	ND	ND	ND	ND
Connector Housing	ND	ND	ND	ND
Backsheet	ND	ND	ND	ND
Controlled Limit	1000			

Remark:  
ND = Not Detected  
Detection Limit = 50 ppm

## Signature

**Name:** Ong Keng Chuan  
**Position:** Certification Manager  
**Date:** 24 June 2021

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