

GRIPRAC, INC.

PROGRESS LETTER REPORT

SCOPE OF WORK

EVALUATION AND TESTING OF NEW RAIL WITH SEVEN CLAMPS TO UL 2703

REPORT NO:

104502496LAX-001c

ISSUE DATE

27-May-2021

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PROGRESS LETTER REPORT

27 May 2021

Report No. 104502496LAX-001c
Intertek Project No. G104502496

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Los Angeles, CA
USA
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Ph: (310) 409-4616

Subject: Evaluation and Testing of New Rail with Seven (7) Clamps to UL 2703

Dear Mustafa,

This letter report represents the progress of our evaluation of the above referenced product(s) to the requirements contained in the following standards:

Mounting Systems, Mounting Devices, Clamping/Retention Devices, and Ground Lugs for Use with Flat-Plate Photovoltaic Modules and Panels [UL 2703:2015 Ed.1]

SECTION 1 SUMMARY

This investigation was authorized by quote # Qu-01121659-0, dated 10/07/2020 and Qu-01162872-0, dated 04/06/2021. Intertek wishes to inform you that the evaluation is complete. Testing was completed and results listed in Section 2 below and the following non-conformances were identified.

SECTION 2 TESTING

The below listed table represents a summary and results of the tests which have been completed:

Completed Tests:

Assembly, Bonding Conductor (Part a), and Humidity Test (Pre and Post Bonding Path Resistance Tests)

Test Location: 25791 Commercentre Drive, Lake Forest, CA 92630

Bonding Conductor (Part b)

Test Location: Cedar Rapids, IA

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Test Description	Assembly	Bonding Conductor Test		Humidity Test	
		Part a	Part b	Bonding Path Pre HF10	Bonding Path Post HF10
Clamp					
Ironridge UFO mid clamps	Pass	Pass	Pass	Pass	Pass
Griprac universal grounding mid clamps/end clamps	Pass	Pass	Pass	Pass	Pass
Griprac grounding mid clamps	Pass	Pass	Pass	Pass	Pass
Unirac mid clamps	Pass	Pass	Pass	Pass	Pass
Unirac end clamp	Pass	Pass	Pass	Pass	Pass
SWH splice bars	Pass	Pass	Pass	Pass	Pass
Griprac grounding end clamps	Pass	Pass	Pass	Pass	Pass

SECTION 3

NON-CONFORMANCES/FINDINGS/DOCUMENT REQUIREMENT



- 1) Please provide LG module information to include in the listing report.
- 2) Please provide pertinent information about the system to be included in the listing report.
- 3) Please provide the most updated installation manual.
- 4) Please provide any change in applicant or manufacturer information through a client information sheet.

SECTION 4

PROJECT STATUS & ACTION

Issuance of this letter report is to provide an update on the testing and evaluation portion covered by Intertek Project No. G104502496.

If there are any questions regarding the results contained in this report, or any of the other services offered by Intertek, please do not hesitate to contact your dedicated Intertek Project Manager.

Completed by:	Deep Vora	Reviewed by:	Faraz Ebneali
Title:	Project Engineer	Title:	Reviewer
Signature:	 <hr style="border: 0; border-top: 1px solid black;"/>	Signature	 <hr style="border: 0; border-top: 1px solid black;"/>
Date	5/27/2021	Date:	5/27/2021

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