

## STANDARD INFORMATION

**Standard:** UL 3730

**Standard ID:** Photovoltaic Junction Boxes [UL 3730:2014 Ed.1+R:10Jul2024]

**Previous Standard ID:** Photovoltaic Junction Boxes [UL 3730:2014 Ed.1+R:11Jun2021]

## EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

**Effective Date:** **July 10, 2026**

## IMPACT, OVERVIEW, AND ACTION REQUIRED

**Impact Statement:** Per our accreditation, Intertek is required to review reports against the standard revisions to confirm compliance. Once compliance is confirmed, the standard reference in the report is updated to show continued compliance to the technical requirements of the standard. Reports not updated to this version by the effective date above will be withdrawn.

**Overview of Changes:** Modification of Corrosive Atmosphere Tests, Section 34, to reference the Corrosive Atmosphere Tests in the Standard for Mounting Systems, Mounting Devices, Clamping/Retention Devices, and Ground Lugs for Use with Flat-Plate Photovoltaic Modules, UL 2703. Specific details of new/ revised requirements are found in table below.

***Current Listings Not Active? – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records. We will do this at no charge as long as Intertek is notified in writing prior to the review of your reports.***



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CLAUSE	VERDICT	COMMENT
		<b>Note: Section 34 has been completely re-written. Below contains the new requirements.</b>
34		<b>Corrosive Atmosphere Test</b>
34.1		<b>Salt spray test</b>
34.1.1		<p>One complete sample of the junction box, junction box component or specimen samples of materials representative of that used in the junction box shall comply with the Salt Spray Test <del>as described in 34.1.3</del>, <u>Section 19.1, in the Standard for Mounting Systems, Mounting Devices, Clamping/Retention Devices, and Ground Lugs for Use with Flat-Plate Photovoltaic Modules, UL 2703.</u></p> <p>Exception: A junction box constructed of materials such as plastic, stainless steel, or aluminum that are inherently resistant to atmospheric corrosion need not be tested.</p>
34.2		<b>Moist carbon dioxide/sulphur dioxide test</b>
34.2.1		<p>One complete sample of the junction box, junction box component or specimen samples of materials representative of that used in the junction box shall comply with the Moist Carbon Dioxide/Sulphur Dioxide Test <del>as described in 34.2.3-34.2.9</del>, <u>Section 19.2, in the Standard for Mounting Systems, Mounting Devices, Clamping/Retention Devices, and Ground Lugs for Use with Flat-Plate Photovoltaic Modules, UL 2703.</u></p> <p>Exception: A junction box constructed of materials such as plastic, stainless steel or aluminum that are inherently resistant to atmospheric corrosion need not be tested.</p>