

## STANDARD INFORMATION

**Standard:** IEEE 1580

**Standard ID:** IEEE Recommended Practice for Marine Cable for Use on Shipboard and Fixed or Floating Facilities [IEEE 1580:2021]

**Previous Standard ID:** IEEE Recommended Practice for Marine Cable for Use on Shipboard and Fixed or Floating Facilities [IEEE 1580:2010]

## EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

**Effective Date:** **March 28, 2025**

## 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 Reports not updated to this version by the effective date above will be withdrawn.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:** Note (e) requires XLPO insulation to be tested for LTIR. Specific details of new/revise 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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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		
		<i>Additions to existing requirements are <u>underlined</u> and deletions are shown <del>lined-out</del> below.</i>		
		<b>Insulation or Jacket, electrical, and physical requirements for crosslinked polyolefin (Type P), voltage rating 0-2000 V</b>		
		Note: Only modified portions of the table are shown		
Table 14		<table border="1"><tr><td><u>Long-term insulation resistance in 75 °C (167 °F) water<sup>e</sup></u></td><td><u>Pass</u></td></tr></table>	<u>Long-term insulation resistance in 75 °C (167 °F) water<sup>e</sup></u>	<u>Pass</u>
<u>Long-term insulation resistance in 75 °C (167 °F) water<sup>e</sup></u>	<u>Pass</u>			
		<sup>e</sup> <u>For test procedures and requirements, refer to NMX-J-451-ANCE/CSA C22.2 No. 28/UL 44, Section 5.4. Compliance should be determined by testing a 600 V rated 14 AWG conductor with 30 mils of Type P insulation in 75 °C (167 °F) water.</u>		