

STANDARD INFORMATION

Standard Number: UL 1446

Standard Name: Systems of Insulating Materials - General

Standard Edition and Issue Date: 7th Edition Dated November 11, 2016

Date of Revision: November 11, 2016

Date of Previous Revision of Standard: March 21, 2016

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: **November 11, 2019**

IMPACT, OVERVIEW, AND ACTION REQUIRED

Impact Statement: A review of all Listing Reports is necessary to determine which products comply with new/revised requirements and which products will require re-evaluation. **NOTE:** Effective immediately, this revised standard will be exclusively used for evaluation of new products unless the Applicant requests in writing that current requirements be used along with their understanding that their listings will be withdrawn on Effective Date noted above, unless the product is found to comply with new/revised requirements.

Overview of Changes:

- Added requirements for Substitutions or Modification to an Electrical Insulation System
- Added requirements for Magnet Wire and Magnet Wire Coatings
- Added requirements for Varnishes and Impregnating Resins

Specific details of new/revised requirements are found in table below.

If the applicable requirements noted in the table are not described in your report(s), these requirements will need to be confirmed as met and added to your report(s) such as markings, instructions, test results, etc. (as required).

Client Action Required:

Information – To assist our Engineer with review of your Listing Reports, please submit technical information in response to the new/revised paragraphs noted in the attached or explain why these new/revised requirements do not apply to your product (s).

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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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.



STANDARD INFORMATION

CLAUSE	VERDICT	COMMENT
<i>Additions to existing requirements are underlined and deletions are shown lined out below.</i>		
6	Info	Electrical Insulation Systems – Full Thermal Aging
6.1	Info	General
		<i>New clause added;</i>
6.1.2		Additional components not present in the thermally aged samples shall be added by methods outlined in Supplement SA.
		<i>New supplement added;</i>
Supplement SA		Substitutions or Modification to an Electrical Insulation System The requirements of this supplement cover the substitution and/or modification to an electrical insulation system established by a thermal aging test as described in Section 6, Electrical Insulation Systems – Full Thermal Aging (see standard for details).
		<i>New supplement added;</i>
Supplement SB		Magnet Wire and Magnet Wire Coatings The requirements of this supplement cover the test criteria for magnet wire and magnet wire coatings (see standard for details).
		<i>New supplement added;</i>
Supplement SC		Varnishes and Impregnating Resins The requirements of this supplement cover the test criteria for varnishes and impregnating resins (See standard for details).
CUSTOMERS PLEASE NOTE: This Table and column “Verdict” can be used in determining how your current or future production is or will be in compliance with new/revised requirements.		