

Standard Information

Standard Number: UL 583

Standard Name: Electric-Battery-Powered Industrial Trucks

Standard Edition and Issue Date: 10th Edition Dated August 15, 2012

Date of Revision: May 25, 2016

Date of Previous Revision to Standard: 10th Edition Revised April 10, 2015

Effective Date of New/Revised Requirements

Effective Date (see Schedule below): **August 15, 2017**

Impact, Overview, Fees 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requests in writing that current requirements be used along with their understanding that their listings will be withdrawn on Effective Date noted above, unless the product is found to comply with new/revised requirements.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: The changes with respect to the previous revision include the addition of new battery cable requirements. 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).

Schedule: So that shipping of products with Listing Marks will not be interrupted, an **approximate** schedule has been established to ensure Listing Reports are found compliant by Effective Date:

- December 15, 2016 = 8 Month Report Review – Intertek will review all Reports. Update if compliance is verified or issue Findings Letter/Quote for any re-evaluations needed
- February 15, 2017 = 6 Month Quote Cut-off – Quotes returned for necessary re-evaluations
- **August 15, 2017** = Effective Date – ATM Suspended for all non-compliant Reports

Fees: An initial review of Listing Report (s) will be covered by a direct billing project and will be invoiced at not more than \$1000 per report.

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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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

Description of New/Revised Technical Requirements

Clause	Verdict	Comment
12	Info	Wiring
12.1.1		<p>Addition of new battery cable requirements; increased minimum wire gauge from 10 AWG to 6 AWG. <i>Additions to existing requirements are <u>underlined</u> and deletions are shown lined-out below.</i></p> <p>Wiring located within a battery compartment shall comply with one of the following. The wiring shall be considered with respect to the temperature and conditions of service to which the wiring is to be subjected to in the intended use:</p> <p>a) Outline for Battery Leads, UL 2726;</p> <p>b) The Standard for Low Voltage Battery Cable, SAE J1127;</p> <p><u>c) The Outline for Low Voltage Battery Cable, UL 4127;</u></p> <p><u>d e) For wiring smaller than <u>6 AWG</u> 40-gauge, the requirements in 12.1 would apply and the effects of acid exposure need not be evaluated.</u></p>
		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.