



UL 486A-486B

STANDARD FOR SAFETY

Wire Connectors

UL Standard for Safety for Wire Connectors, UL 486A-486B

Third Edition, Dated April 27, 2018

Summary of Topics

This revision of ANSI/UL 486A-486B dated May 5, 2021 includes the following changes in requirements:

- ***Remove "Number of Strands" from Marking Requirement; [10.12](#)***
- ***Add Specification that the Current-Cycling Test Shall be Performed with an 60 Hz ac Source; [7.2.1](#), [Table 7](#), [Table 8](#) and [Table 13](#)***
- ***Sizing and Lubricating Bushings During Secureness Test; [9.3.2.1](#) and [Table 26](#)***
- ***Correction to [Table 13](#)***
- ***Testing with Metric and Non-Standard Size Conductors; [1.2](#), [2.1.7](#), [3.2](#), [6.3.5](#), [7.1.6A](#), [7.1.7](#), [8.1.6](#), [8.1.9](#), [8.1.10](#), [8.1.11](#), [9.1.5.1](#), [9.1.5.1A](#), [9.1.5.1B](#), [9.1.5.3](#) – [9.1.5.5](#), [9.1.9.4](#), [10.7](#), [10.8](#), [10.10](#), [10.19](#), [10.34](#), [10.39](#), [Table 7](#) – [Table 9](#), [Table 13](#), [Table 14](#), [Table 14A](#), [Table 15](#) – [Table 17](#), [Table 19](#), [Table 21](#), [Table 26](#), [Table 27](#), [Annex A](#), [Section C.4](#) and [Annex F](#)***
- ***Testing with Aluminum Wire with AA-8000 Alloy Conductors; [7.2.2](#), [7.2.3](#), [7.3.1](#), [Table 15](#) and [Annex A](#)***
- ***Use of Shear Head Bolts; [9.1.9.4](#), [9.1.9.5](#) and [9.1.9.5A](#)***
- ***Sample Length Change; [B.1.2](#)***
- ***Exothermically Welded Wire Connectors; [1.1](#) and [10.42](#)***

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The new and revised requirements are substantially in accordance with Proposal(s) on this subject dated October 2, 2020 and January 22, 2021.

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