



July 16, 2018

INDUSTRY FILE REVIEW – EFFECTIVE DATE EXTENSION PROPOSAL

TO: Subscribers to UL's Certification Services under the Standard for Safety for Plugs, Receptacles, and Couplers for Electric Vehicles, UL 2251.

SUBJECT: Industry File Review – Effective Date Extension Proposal

This Bulletin is to advise subscribers of an effective date extension proposal for the requirements in clauses 7.1.5 and 7.1.6 of the ongoing Industry File Review (IFR) under UL 2251, the Standard for Plugs, Receptacles, and Couplers for Electric Vehicles, Fourth Edition, issued November 20, 2017. All other requirements in the Fourth Edition will retain their current effective date of November 20, 2019.

UL has received information from industry members that indicates that the requirements cannot be met by any product in the field and that compliance with this requirement cannot be implemented due to legacy equipment already in the field. The requirement covers the pin engagement length associated with EV connectors when mated with EV inlets. Due to the tolerances allowed on the pin length in accordance with SAE J1772, which is the document that controls the configuration parameters, the pin engagement length cannot be controlled by any manufacturer that is controlling only one side of the connection. In the actual use case, the EV connector and the EV inlet are typically not from the same manufacturer, so controlling the pin engagement length would depend on all manufacturers being able to know and control all other manufacturers pin lengths in order to control the engagement length. Compliance with this requirement will require additional work to develop a requirement that can be implemented on each side of the connection, connector and inlet, such that the pin length requirement can be controlled. This additional work will commence through the CANENA process, but this will take some time to develop and publish the revised requirements.

Therefore UL is proposing a new Effective Date of **November 20, 2022** in order to allow the necessary time to develop and revise new requirements to address the issue and establishing a 4 week comment period to receive subscriber feedback ending on August 3, 2018.

Should you have any questions about this bulletin, please contact Marvin Montenegro at the phone or email address shown below.

Sincerely

Marvin Montenegro
Engineering Manager
P: 847-664-3752
E: marvin.d.montenegro@ul.com

Reviewed by:

Bruce Mahrenholz
Certification Office Director