



Compliance Pre-Check in CableBuilder

Digitalizing the cable certification process against selected UL standards

The Compliance Pre-Check feature in CableBuilder provides a quick and simple option for wire and cable manufacturers to digitally submit cable data to UL Solutions. The submission process also serves as a pre-compliance check of the cable design against selected UL standards.

We remain committed to digitalizing the cable certification process, and Compliance Pre-Check was developed to support this vision.



UL Standards included in this model

- UL 44: Thermoset-Insulated Wires and Cables
- UL 83: Thermoplastic-Insulated Wires and Cables
- UL 1277: Electrical Power and Control Tray Cables with Optional Optical-Fiber Members



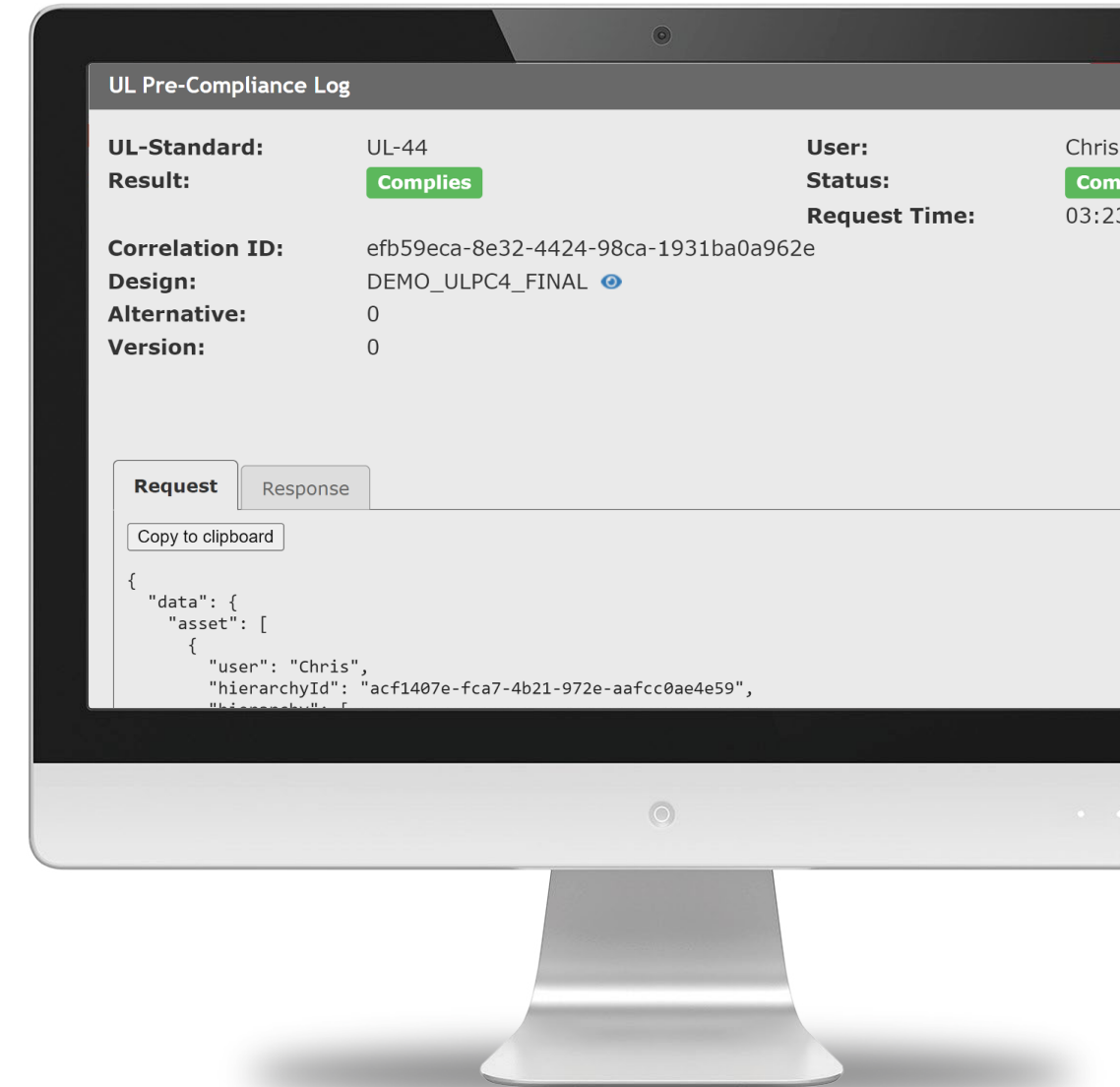
The Compliance Pre-Check submission process

1. Cable data is digitally submitted to UL Solutions within CableBuilder. The manufacturer defines, per cable, the standards against which the product is submitted.
2. The data is analyzed to confirm that cable design parameters are within the allowable limits of the cable standard and all mandatory fields contain data.
3. After confirmation is received, the manufacturer may submit their final application and cable samples for testing and certification by UL Solutions.

Compliance Pre-Check is not a guarantee of compliance. Rather, it indicates that the data submitted meets the minimum requirements of the UL standard to allow the manufacturer to submit cable samples to UL Solutions for testing and certification.

Viewing pre-compliance request logs

Users can view the logs of Compliance Pre-Check submissions. The information shown includes the UL-Standard submitted for Compliance Pre-Check, the status of the submittal, the result of the submittal, the design code submitted, and the date and time of the submittal.

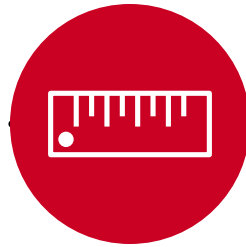


The scope of Compliance Pre-Check



Availability

The Compliance Pre-Check module is available in both CableBuilder Enterprise 5.4 and above, and CableBuilder Go.



Measurement system

Currently, the Compliance Pre-Check feature is limited to the Imperial measurement system.

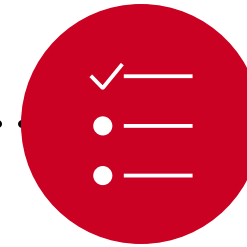


Interdependent variables of the design

Currently, Compliance Pre-Check does not consider interdependent variables of the design. There is no validation in place to:

- Validate the interdependent data returned for each insulated core.
- Validate the data returned is within the allowable parameters of a specific wire and cable type.

In short, Compliance Pre-Check will return the range of values from the design and will notify the user if any of these values are outside the full range of values for the cable standard in question.



Benefits to wire and cable manufacturers

1. Simpler, faster and more efficient certification submittal process
2. Error reduction through digitization
3. Efficient review of multiple standards from a single design
4. Enhanced in-house Quality Management

For more information about CableBuilder, visit ul.com/cablebuilder