

Subject 6200

September 7, 2018

SUMMARY OF TOPICS

The following topics were discussed at the meeting of the Standards Technical Panel for Controls for Stationary Engine Driven Assemblies:

- 1. Functional Safety***
- 2. Utility Interaction Controls***
- 3. Presentation of Responses to Comments to Proposed First Edition of ANSI/CAN/UL/ULC 6200***
- 4. Medium-Voltage (MV) Temperature Sensors***
- 5. Proven In Use***

A meeting of the Standards Technical Panel of UL for Controls for Stationary Engine Driven Assemblies was held on July 18 and 19, 2018 at UL's office in Northbrook, Illinois. The purpose of the meeting was to discuss issues regarding the proposed First Edition of the Standard for Controllers for Use in Power Production, ANSI/CAN/UL/ULC 6200.

The purpose of the STP meeting report is to briefly summarize discussions held during the meeting, and to document any resulting outcomes, including planned future action.

CALL TO ORDER, ANNOUNCEMENTS, INTRODUCTION OF MEMBERS, GUESTS, AND OBSERVERS

The STP Chair, Diana Pappas Jordan, called the meeting to order and welcomed participants. The Chair made announcements regarding the operation of the meeting and gave an overview of STP procedures and current STP activity. All meeting attendees introduced themselves. A call for corrections or additions to the meeting agenda was made. There were no corrections to the meeting agenda. There were two additions made to the agenda, which were Items 4 and 5.

ANNOUNCEMENTS AND REPORTS FROM THE STP PROJECT MANAGER

The Project Manager informed the meeting attendees that the meeting report would be posted in CSDS. Proposals for revisions discussed at the meeting will appear in a separate document.

The current balance of the STP was discussed at the meeting and is shown in the following table:

Interest Category	Number of Members	Interest Category	Number of Members
Producers	7 (37 %)	Government	0 (0%)
Testing & Standards Organizations	1 (5 %)	Consumer	0 (0%)
Supply Chain	2 (11 %)	General Interest	4 (21%)
AHJs	4 (21%)	Commercial/Industrial User	1 (5 %)

UL's goal is to have no interest category comprise more than one-third of the STP membership. As such, UL is currently looking for participants in all interest categories except Producers. If you have potential candidates, please contact Derrick Martin, the STP Project Manager, at Derrick.L.Martin@ul.com. A definition of the interest categories is available on the Standards STP Internet site, located at <http://ulstandards.ul.com/develop-standards/participation/interest-categories/>.

The Project Manager informed the meeting attendees of UL's Patent Policy. A copy of UL's Patent Policy was given to each of the meeting participants. The Patent Policy is located at: <https://ulstandards.ul.com/develop-standards/stps/ul-patent-policy/>.

FUTURE MEETING SCHEDULE

UL indicated that future meetings of STP 6200 will be convened on an as-needed basis. The next meeting of STP 6200 will be scheduled when there are a sufficient number of topics to be discussed at a meeting.

DISCUSSION OF PROPOSALS AND AGENDA TOPICS

1. Functional Safety

DISCUSSION

Discussion item submitted by: John Kovacik and George Langton, UL LLC

UL discussed with the meeting attendees the rationale for referencing the Standard for Safety of machinery – General principles for design – Risk assessment and risk reduction, ANSI/ISO 12100 as part of the requirements for Paragraph 37.1 of the draft First Edition of the Standard for Controllers For Use in Power Production, ANSI/CAN/UL/ULC 6200, that was posted in CSDS for preliminary review on September 22, 2017. Based upon the comments received during the preliminary review, UL determined that an explanation was necessary because some of the stakeholders may have believed that UL was imposing functional safety on all controls or had misinterpreted the risk assessment methods and are finding themselves with possible unwarranted SIL levels.

UL also discussed the requirements of Paragraph 37.5 by explaining the exemption and explaining "proven in use" would have to encompass the details of the firmware and CPU there were identified at the time of the test that proved the function of the control.

UL discussed with the meeting attendees that the alternate choices for the requirements specified in the previous paragraph are:

1. Software/hardware safety evaluation.
2. Black box "proven in use" features identified at the time of testing.

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