



## MEETING LOG

**SUBJECT:** UL Working Group on Heaters, UL 1278

**FY 23 OP PLAN ENTRY:** Electric Heaters

**DATE OF MEETING:** 2/8/2024

**LOCATION OF MEETING:** Virtual

**CPSC STAFF FILING MEETING LOG:** Arthur Lee, Engineering Sciences (ES)

**FILING DATE:** February 21, 2024

**CPSC ATTENDEE(S):** Arthur Lee, (ES)

Einstein Miller, Risk Management Group (RMG)

Evan Heimbach (ES)

**NON-CPSC ATTENDEE(S):** Contact Arthur Lee for list of attendees, [alee@cpsc.gov](mailto:alee@cpsc.gov)

### Summary of Meeting:

Reviewed Draft Proposals for UL 1278 Portable Electric Heaters developed by subtask groups on heater plugs, internal connections, plastics and tip-over. The discussion included:

#### Plug (Power Supply Cord)

- Allowable cord lengths by insulation type
- Allowable use of thermoplastic elastomer insulation on power supply cords
- Allowable ampacity of power cord relative to rated ampacity
- Calculation method for wattages listed in UL 1278 Table 16.2
- Clarification of scope of plugs (molded on versus assembled) covered in UL 1278 Table 16.2
- Possible clarification of Table 16.2 subscript c

#### Internal Connections

- The WG discussed clarifying and expanding requirements for spacing and connection types that required soldering and crimping

#### Plastics

- The WG discussed restricting applications allowing use of non-UL94 V rated plastics.

#### Tipover

- Reviewed cross references for protective versus operating controls.



United States  
**Consumer Product Safety Commission**

**Next Steps:**

Next meeting date – February 15, 2024

**U.S. Consumer Product  
Safety Commission**  
4330 East-West Highway  
Bethesda, MD 20814  
[cpsc.gov](https://www.cpsc.gov)

**National Product Testing  
& Evaluation Center**  
5 Research Place  
Rockville, MD 20850