



MEETING LOG

SUBJECT: UL 2075 STP - Gas and Vapor Detectors and Sensors

OP PLAN ENTRY: Carbon Monoxide (CO) Alarms

DATE OF MEETING: 4/10/2025

LOCATION OF MEETING: Virtual

CPSC STAFF FILING MEETING LOG: Matthew J. Brookman (LSM)

FILING DATE: 4/14/2025

CPSC ATTENDEE(S): Matthew J. Brookman (LSM)

NON-CPSC ATTENDEE(S): Contact SDO for the full attendee list.

Summary of Meeting:

Matt Brookman participated in the UL 2075 Task Group meeting on April 10, 2025 from 11:00 AM to 12:00 PM EST. The purpose of the meeting was to discuss the addition of requirements for portable low level CO monitoring devices to UL 2075.

The task group began by discussing whether the group wants to add requirements for these devices to UL 2075 or develop a new standard. One committee member recommended adding requirements to UL 2075 because many of the tests and requirements would be the same. Another member discussed the challenges to incorporating requirements in UL 2075 such as increasing the scope to address devices used outdoors. They also explained that UL 2075 requires devices to meet the sensitivity requirements for UL 2034, which would need to be addressed as part of this task group's activities. The committee decided to move forward with incorporating changes to UL 2075 to address low level CO monitoring devices.

Next, the group discussed how this work will be approached. A member proposed that the group start with a top-down approach, beginning with the scope. Next, the group would determine what is already present, what needs to be changed, and what needs to be added. Another member proposed that the group could divide the aspects of the standard that need to be addressed among the members, such as construction, performance, marking and labeling, and testing.

The task group moved on to address changes to the scope. The proposing member discussed incorporating devices intended to be used outdoors such that monitors used both indoors and outdoors, on boats, or near fuel powered tools would be included. Another member discussed additional



requirements that would be needed in the standard, including water and corrosion resistance.

Continuing the scope discussion, the group evaluated each section to determine what changes are needed to incorporate portable low level CO monitoring devices. A task group member stated that there are existing requirements for portable smoke alarms that would be a good starting point.

During the discussion, task group members stated various needs for requirements to address the use patterns of portable monitoring devices such as vibration test requirements. Vibration test requirements would be needed for devices that may be used or transported in a car or a boat.

After the initial review of the scope, the group members discussed the need for a definition for these devices. A group member proposed that the devices in question would be considered portable alerting devices. The member stated that the device informs the user of an event but is not an alarm or alarm notification. The group discussed language for the definition including how to describe the portability of the device such as the capability of carrying and relocating it. Additionally, members stated that it is not intended for these devices to meet the alarm thresholds of devices covered by UL 2034.

The meeting concluded with a discussion of how the group would divide the standard sections among the group to be evaluated separately.

The next meeting is scheduled for May 22, 2025, 11:00 AM to 12:00 PM EST.