



MEETING LOG

SUBJECT: UL 2034 STP – Single and Multiple Station Carbon Monoxide Alarms

OP PLAN ENTRY: Carbon Monoxide (CO) Alarms

DATE OF MEETING: 5/19/2025

LOCATION OF MEETING: Virtual

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

FILING DATE: 5/19/2025

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 2034 Task Group meeting on May 19, 2025 from 11:00 AM to 12:00 PM EST.

The task group began with a member presenting the proposed changes to address new display requirements for UL 2034. The proposal would require digital displays to indicate low levels of CO.

One member asked if the proposal will address display accuracy. The presenting member had researched how accurate CO sensors can measure CO. This member concluded that the existing accuracy requirement in UL 2034 of plus or minus 30 percent of the indicated amount is reasonable based on the capability of current sensor technology. The task group also discussed sensor drift as part of the consideration for maintaining the existing accuracy requirements.

The task group then discussed the guidance information provided with the alarms. This guidance is related to what the consumer should do based on the concentration displayed on the alarm. CPSC staff will review the proposal with internal specialists to provide input if necessary.

Due to the proposed changes to digital displays, changes to the definitions of CO alarm indication and warning signal were also proposed.

The testing required to verify display function was changed in the proposal. The task group discussed what requirements would be appropriate to address the proposed display functionality.

The next Task Group meeting is TBD.