



MEETING LOG

SUBJECT: ANSI/CSA FURNACE TECHNICAL SUBCOMMITTEE (TSC) MEETING ON August 21, 2025

FY 25 OP PLAN ENTRY: Gas Appliances - CO Sensors

DATE OF MEETING: 8/21/2025

LOCATION OF MEETING: Virtual via WebEx

CPSC STAFF FILING MEETING LOG: Ronald A. Jordan

FILING DATE: 9/2/2025

CPSC ATTENDEE(S): Ronald Jordan, ESMC

NON-CPSC ATTENDEE(S): Contact babak.owlam@csagroup.org for the full attendee list.

Summary of Meeting:

The furnace TSC met to discuss the final draft standard provisions developed through RFC #23, which is proposed to be included in the upcoming 9th edition of ANSI Z21.47, Standard for Gas-fired Central Furnaces.

The ANSI/CSA Furnace Working Group chairman presented proposed standards provisions associated with RFC #23 and the rationale for them.

A TSC member asked whether the reference standard (e.g., IEC 60730-2-23 or UL 60335-2-40) to be used for a CO detection device addresses the effect of temperature on sensor performance. The WG stated that it had not, but that the WG would address that question in upcoming WG meetings.

The WG chairman stated that the reference standard used for the CO detection system will likely need to be revised to include provisions for carbon monoxide detection.

Another TSC member asked whether the CO detection sensor would lose functionality if exposed to a high CO concentration, presumably to see whether the device would need to be replaced.

The WG chairman stated that the WG was not ready for the TSC to adopt the proposed standard yet, because they want to complete test rig development and validation testing and get the reference standards to include CO detection provisions.

A motion was made and seconded that the TSC establish a Working Group (which would include furnace and boiler WG & TSC members) and to work with UL to develop requirements for a CO Detection System (in the reference standard/s) that may be implemented into the furnace and boiler standards. Staff volunteered to serve on this new Working Group. The motion passed.

The meeting began at 1 pm est and adjourned at 3:03 pm est.