

US Consumer Product Safety Commission Log of Meeting

Subject: Gas Range and Indoor Air Quality Meeting (IAQ) with Stakeholders

Date: December 13, 2021

Location: Teleconference

Prepared By: Scott Ayers (sayers@cpsc.gov, 301-987-2030), December 14, 2021

CPSC Attendees: Scott Ayers, Charles Bevington, Eric Hooker, Joanna Matheson and Chen Su

Non-CPSC Attendees:

Shannon Corcoran	American Gas Association (AGA)
Michael Murray	American Gas Association (AGA)
Renee Lani	American Public Gas Association (APGA)
Randy Cooper	Association of Home Appliance Manufacturers (AHAM)
John Park	Association of Home Appliance Manufacturers (AHAM)
Kevin Messner	Association of Home Appliance Manufacturers (AHAM)
Kevin Larmer	Canadian Gas Association (CGA)
Josip Novkovic	CSA Group (CSA)
Andee Krasner	Greater Boston Physicians for Social Responsibility
Scott McKibbin	Health Canada
Michael Cundy	Inception Forensics
Iain Walker	Lawrence Berkeley National Laboratory
Dennis Omeara	National Carbon Monoxide Awareness Association (NCOAA)
Abi Velasco	Public Citizen
Jim Dennison	RMI
Brady Seals	RMI
Emma Hines	RMI
Allison MacMun	Sunstone Strategies
Matt Casale	The Public Interest Network
John Yowell	US Environmental Protection Agency (EPA)
Laureen Burton	US Environmental Protection Agency (EPA)
John Mitchell	US Environmental Protection Agency (EPA)
Bill Linak	US Environmental Protection Agency (EPA)
Hannah Rhodes	US Public Interest Research Group (PIRG)
Erin Skibbens	US Public Interest Research Group (PIRG)

Summary of Meeting:

CPSC is working with stakeholders to form a joint task force on IAQ and gas ranges. This task force would focus on making recommendations to various affected voluntary standards and code bodies to improve IAQ in homes from emissions from gas ranges. This meeting was a continuation of a meeting on October 13, 2021. Scott Ayers chaired the meeting.

The group reviewed the purpose of the working group. It was reiterated that the scope should be manageable and not include general cooking, but instead focus only on gas range cooking.

The group reviewed the conclusions from the October meeting where it reached agreement on three general topics:

1. Pollutants to focus on are
 - a. CO, PM2.5 and NO2 as primaries; and
 - b. Formaldehyde as secondary
2. Time frames for pollutant exposure analysis are
 - a. Short-term (such as 1 hour and 24 hour) as primary, and
 - b. Long-term (such as weekly, monthly, and annually) as secondary
3. Develop the concept of exposure scenarios considering existing and new buildings, type of houses, capture efficiency, local exhaust ventilation, whole-house ventilation, room size, house size, proximity of individuals to the gas stove, and background levels of indoor air and outdoor air pollutants.
 - The group discussed particle size and added ultrafine particles and PM10 to the secondary pollutants of concern listed in (1)(b).
 - The group discussed short-term exposure time frames, but did not alter (2)(a).
 - The group discussed exposure scenarios. The exposure scenarios are not intended to define a single, worst-case scenario, but instead allow for a complete analysis of all possible exposures.

The group also briefly discussed a proposed public comment to ASHRAE 62.2. While the ASHRAE committee did not take up the specific comment at their last meeting, and the ASHRAE committee chair was unable to participate, Scott pointed out that this is a possible example of what this group could do or how the group could help facilitate these types of proposals in the future. The technical merits of the public comment were not discussed.

The group scheduled a reoccurring meeting on the second Tuesday of the month at 1pm ET from January to June. At the next meeting, the group will discuss developing a charter and other administrative items to formalize a group.