

MEETING LOG DIRECTORATE FOR ENGINEERING SCIENCES

SUBJECT: ANSI Z21/83 Chairman's Advisory Committee of Accredited Standards Committee

PLACE: Crystal Gateway Marriott Hotel, Arlington, VA

MEETING DATE: April 17, 1997

LOG ENTRY SOURCE: Ronald A. Jordan *RAJ*

ENTRY DATE: June 4, 1997

COMMISSION ATTENDEES:

Ronald A. Jordan, ESEE

NON-COMMISSION ATTENDEES:

See attached member attendee list

MEETING SUMMARY:

Meeting agenda items of interest to staff were as follows:

Item 12. Proposed American National Standard/Canadian Gas Association Standard For Outdoor Cooking Gas Appliances, ANSI Z21.58/CGA 2/22.

This item involved a proposal from the Outdoor Cooking Gas Appliance Subcommittee to require that effective October 1, 1997, all gas grills be shipped with 20 pound cylinders equipped with overfill prevention devices (OPDs). The purpose of this proposal was to ensure that gas grills and 20 pound cylinders with the safety features provided by OPDs be available at the time of purchase by consumers. Two days before the committee meeting, a member of the Outdoor Cooking Gas Appliance Subcommittee contacted staff requesting support for this proposal at the April 17, 1997 ANSI Z21/83 Chairman's Advisory Committee. Staff wrote and forwarded the attached letter to the Committee and discussed staff's support for the proposal at the committee meeting.

When discussion of this issue began, a committee guest stated that although he supports the OPD requirement on cylinders, he opposes mandatory shipping of OPD-equipped 20 pound cylinders with gas grills. He went on to state that the mandate would violate the cooperative spirit of current activities to get OPDs in the market place and prevent a smooth transition to OPD-equipped cylinders. Also that it would take four years to implement a 3-step program designed to get OPDs on the market. One of the committee members responded that most grill manufacturers already supply a 20 pound cylinder with their gas grills. Another committee member indicated that the gas grill manufacturers volunteered to meet the October 1997 date for shipping gas grills with OPD-equipped cylinders, but that effective dates are set by testing agencies such as International

Approval Services. After discussion on this issue, the committee voted to accept this proposal.

Item 18. Proposed Harmonized American National Standard/Canadian Gas Association Standard For Gas-Fired Construction Heaters, Z83.7/CGA 2.14.

A committee member stated that the standard should address NO₂, since he is aware of information that suggests that NO₂ can exceed 2 ppm in these types of heaters. This proposal was not approved by the committee and will be sent back to the subcommittee for review of the NO₂ issue raised by the committee member.

Item 21. Comments Regarding Water Heaters Used For Space Heating Applications.

One of the committee members reported that according to the Centers for Disease Control (CDC) dual use water heaters contribute to Legionnaires Disease since heated water is often only 120°F. Another committee member mentioned that one of the ANSI Z21 committees had attempted, with no success, to obtain more information from CDC.

Item 22. Water Heater Flammable Vapor Working Group Activity.

It was reported to the committee that the water heater flammable vapors working group and the Gas Research Institute have finalized a test chamber methodology to address the ignition of flammable vapors.

Item 24. Update of Gas Research Institute (GRI) Funding for Test Methods Investigation Projects: Development of Standardized Field Measurement Test Protocol to Measure Carbon Monoxide (CO) Emissions from Gas Ranges.

The status and outcome of the GRI report "Critique of ANSI Z21.1 Standard for CO emissions from Gas-Fired Ovens and Ranges." The purpose of this report was to assess the technical criteria for the allowable CO concentration of 800 ppm in the Z21.1 household cooking gas appliance standard and to review a suggested test methodology for development of a CO emissions performance standard and a method for a "single point" field measurement technique for sampling CO emissions from gas ranges.

Attachments

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April 17, 1997

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U.S. CONSUMER PRODUCT SAFETY COMMISSION
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April 16, 1997

Mr. Allan J. Callahan
Administrative Secretary
International Approval Services
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Re: Approval of Requirement for Overfill Prevention Devices in ANSI
Z21.58/CGA 1.6, American National Standard/Canadian Gas Association
Standard for Outdoor Cooking Gas Appliances

Dear Mr. Callahan:

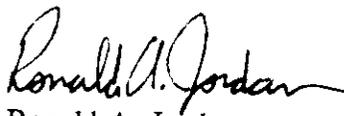
The Consumer Product Safety Commission (CPSC) staff is pleased to learn that the Joint Subcommittee for Outdoor Cooking Gas Appliances has approved recommendations to the pertinent standard to require overfill prevention devices (OPD) on 20-pound DOT cylinders used with gas grills. At its Fall 1996 meeting, the National Fire Protection Association (NFPA) accepted in principle a proposal that NFPA 58 require that DOT cylinders, manufactured after January 1998 and ranging from 4 to 40 pounds, be equipped with OPDs. In light of the effective date of October 1997 for the ANSI Z21.58/CGA 1.6 requirement, it is possible that 20-pound cylinders without OPDs might still be on the market, thus allowing more overfilling incidents. For this reason, staff supports the subcommittee's proposal to require that gas grills be sold with 20-pound cylinders equipped with OPDs. This appears to be the only way to ensure that consumers purchase gas grills with 20-pound cylinders equipped with the safety features provided by an OPD.

This letter represents the position of the Commission staff. It has not been reviewed or approved by the Commissioners.

✓

Mr. Allan J. Callahan
Page 2

Sincerely,

A handwritten signature in black ink that reads "Ronald A. Jordan". The signature is written in a cursive style with a large, looped initial "R".

Ronald A. Jordan
Project Manager, Fire/Gas Codes and Standards
Directorate for Engineering Sciences

cc: Colin Church
ES chron file