

MEETING LOG
CGA/ANSI Z21 JOINT SUBCOMMITTEE ON
REFRIGERATORS AND PORTABLE CAMPING EQUIPMENT

WHEN: September 29-30, 1994

WHERE: Toronto, Canada

LOG ENTRY: Lori E. Saltzman

DATE: October 7, 1994

ATTENDEES: W.J. Young, Chair, Plant Systems (LP Gas Assn)

- D. Kueterman, Norcold (Refrigerator)
- M. Hamilton, Danby Products (Refrigerator)
- R. Hoekstra Century Tool & Manufacturing (Camping Equipment)
- P. Lindqvist, AB Electrolux (Refrigerator)
- P. McConnell, Dometic (Refrigerator)
- B. McCowan (CGA International Approval Services)
- K. Bales (CGA International Approval Services)
- S. McCarthy (AGA International Approval Services)
- T. Squires, Squires Co
- F. Schmidt, Coleman Co (Camping Equipment)
- R. May, Coleman Co (Camping Equipment)
- J. Fife, Mountain Safety Research (Camping Equipment)
- L. Saltzman, CPSC

Day 1:

Meeting opened with introductions, discussions of membership, and approval of minutes from last meeting (November, 1993). Chair indicated that he could only stay for one day and was interested in addressing all items of the agenda in one day.

L. Saltzman presented CPSC's views of portable camping equipment regarding equipment standards, incidents, deaths and injuries, warning labels, CPSC's regulatory process and voluntary standards activities. Members expressed interest in developing standards that satisfied CPSC's concerns.

Discussion then focused on review of ANSI standard and CGA standard for refrigerators and efforts to produce a harmonized standard for review. K. Bales from International Approval Services (IAS), a joint venture of Canadian Gas Association (CGA) and American Gas Association (AGA), indicated that IAS did not have resources to produce a draft harmonized standard anytime soon. P. McConnell agreed to head up an effort to produce a draft of the combined standard.

During discussion of the refrigerator standard, group agreed to revise the warning label to read:

! WARNING

This product can produce CO
CO has no odor and can kill you
The burner and flue system must be kept clean
See Owner's Manual for instructions.

Emphasis was placed on adherence to ANSI Z535.4 (standard for product safety signs and labels) as much as possible.

CPSA 6 (b)(1) Cleared

✓ No Mfrs/PrvtLblrs or
Products Identified 10-24-94
Excepted by

Group began discussion of camping equipment. In general group believed that consideration should be given to changing scope of harmonized standards to outdoor only use, with testing for performance requirements under conditions that would mimic indoor environments.

Group discussed specific revisions to Canadian standards for camping equipment that are currently used. All equipment that is to be sold in Canada must be certified. Consensus wanted warning label to be changed to:

! WARNING

This product can produce CO
CO has no odor and can kill you
See owner's manual for instructions.

Canadians did not want to say use outdoors only since the scope of the standard reads for outdoor and indoor use. Group believed that scope might be changed in harmonized standard.

K. Bales then mentioned that harmonized camping equipment standard might not be in draft for review until 1996 since IAS had very limited resources for effort.

Discussion then followed with dissatisfaction expressed about length of time. Draft developed by F. Schmidt (including new performance requirements and warning label provisions) was deemed not workable since it was not written in standard format. Someone suggested that ANSI standard which no one uses for certification be revised in interim, until draft harmonized standard could be prepared. Length of time for that to occur and mention that ANSI was not interested in going through the process to revise any standards that were slated to be harmonized was deterrent to expending efforts revising ANSI standard. Schmidt said they were not enamored with the CGA standard, the ANSI standard left a lot to be desired and suggested that in order to speed up the process, he would work with a group to take the Canadian standard, add adequate ANSI standard sections, and add new sections to address CPSC concerns. Group agreed that priority should be heaters, lanterns, and stoves. Attempt will be made to develop harmonized draft in next few months.

Group discussed use of oxygen depletion sensors and CO detectors.

Meeting ended with agreement by members who were interested in working on camping equipment standards and group working on refrigerators to meet the next day. Next subcommittee meeting will be held in June 1995.

Day 2:

Camping Equipment group (L. Saltzman, F. Schmidt, J. Fife, R. Hoekstra) met to go over Canadian standard and highlight areas where additional work was needed. Several areas were noted: scope, performance, markings, etc. Proposed changes and concepts

were discussed. L. Saltzman suggested that interested parties come to CPSC to discuss chamber testing and performance requirements with CPSC engineers and will set up meeting upon return to office.