

LOG OF MEETING

DIRECTORATE FOR ENGINEERING SCIENCES 2001-09-05 A 9:11

SUBJECT: ASTM Subcommittee F15.45 for Candle Products-
Fire Safety Task Group

DATE OF MEETING: September 5-6, 2001

DATE OF LOG ENTRY: September 27, 2001

SOURCE OF LOG ENTRY: Allyson Tenney, ESME (AT)

LOCATION: Columbus Hilton Hotel, Columbus, Ohio

CPSC ATTENDEES: Allyson Tenney, ESME

NON-CPSC ATTENDEES: ASTM F 15.45 Fire Safety Task Group members

SUMMARY OF MEETING:

Members of the ASTM F15.45 Fire Safety Task Group (Candle Products) met at the Columbus Hilton Hotel.

The group was presented with an overview of the soon to be released CPSC Candle Fires Pilot Study Summary. The purpose of the study was to assess the level of detail that could be obtained using the Candle Fire and Fire Hazard Investigation Guideline. The study summarizes data obtained from 83 in-depth investigations collected between August, 2000 and March, 2001. Availability of the report is expected by the end of October, 2001.

The group also discussed the findings from the Massachusetts Candle Fire Study. The study indicates that candle fires are increasing and the most common types of candles involved in fires are jars and pillars. Candles being left unattended, placed too close to combustibles, or allowed to burn all the way to their end are indicated as the most common causes of fires. The group agreed that more data is still needed in order to obtain the desired level of detail surrounding typical candle related fire scenarios.

The discussion continued with each sub-group reporting on their progress from the last task group meeting. Each sub-group was to recommend preliminary performance recommendations for each identified candle performance characteristics. Proposed requirements were presented for secondary wicking, ignitable accessories, flame height, wax pool temperature, wick centering, and maximum container temperature.

The next meeting of the task group is scheduled for December 12 & 13, 2001 in Columbus, Ohio.

CPSC 5 (b)(1) Cleared
No Mfrs/Products or
Products Identified

11-20-01
AB