

CPSA 6 (b)(1) Cleared
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LOG OF MEETING

SUBJECT: Fireworks - Multiple Tube Mine and Shell Fireworks Devices, AFSL Fuse Burn Time Petition

DATE OF MEETING: August 25-27, 1995

DATE OF LOG ENTRY: June 30, 1997

PERSON SUBMITTING LOG: Neal G. Gasser, Chemist, Division of Chemistry

LOCATION: Crystal Inn, 1 Center Drive, Northeast, MD, 21901

CPSC ATTENDEE: Sam Hall, Division of Regulatory Management (CRM); Neal G. Gasser, Chemist, Division of Chemistry (LSC)

NON-CPSC ATTENDEE(S):

John Rogers, Executive Director of American Fireworks Standards Laboratory (AFSL)
Andrew Rider, AFSL
Dale Miller, AFSL Consultant
John Conkling, Executive Director of American Pyrotechnics Association
Elliot Belilos, Keller and Heckman
Jessie Barrera, Acme Fireworks Sales, Inc.
Robert Fletcher, South Carolina Pyrotechnics
Mike Collar, Zenith Specialties

SUMMARY OF MEETING:

Subjects Discussed:

- Consumer Product Safety Commission's (CPSC) Notice of Proposed Rulemaking (NPR) on Multiple Tube Mine and Shell Fireworks Devices.
- The committee planned to evaluate the NPR by 1.) Determine whether a relationship exists between the proposed tip angle and the test on 2 inch medium density polyurethane foam; 2.) Determine what percentage of products would comply with the proposed tip angle (import and domestic); 3.) Determine the appropriate amount of propellant to provide a safe and properly functioning device (no tip-overs); 4.) Determine the minimum tip angles of the test devices. Dr. John Conkling read the testing protocol. The committee then travelled to Maryland State Specialty Products for testing.

- The committee expressed support of the proposed AFSL Fuse Burn Time Petition and believed that raising the fuse burn time limit would reduce the risk of injury associated with fireworks and provide a greater margin of safety for the consumer. The committee made a motion to submit a letter to the Board of Directors confirming the decision to submit the petition to CPSC.
- The committee then discussed the issue of Bottle Rockets, and moved to send a letter to the Board, recommending that AFSL continue testing Bottle Rockets under the AFSL standard so long as they are legal in the United States, and to provide the U.S. consumer a high level of safety.
- The committee discussed increasing the weight limit of large multiple tube devices. John Conkling moved that the AFSL Standards Committee recommend to the AFSL Board to request that the DOT revise its current policy regarding the 200 gram maximum weight of pyrotechnic composition. The motion was carried.
- AFSL tests confirmed that products with greater than the 12 gram propellant limit may pose undue potential risk for injury to consumers, and that the test also validated CPSC's tip angle test.
- The committee moved and carried that the word *interim* be removed from the title of the standard, and that the standard be finalized.

Future Activities:

- Determine a viable equivalent substitute for grass that might be incorporated into a reproducible test.

ATTACHED: AFSL Minutes of the Standards Committee Meeting.