

ASTM F15.45 Glass Container for Containerized Candles
Phone Conference Minutes - 9/6/02

Participants:

Linda Allison- SC Johnson & Son, Inc.
Randy Anderson- Libbey Glass
Tom Caton- CPSC
Barron Curry- ARC International
David Hammer- Bartlett Collins
Dennis MacLaughlin- ACTS Testing Labs
Cathy Walsh- Anchor Hocking

Absent:

Ronald Caporali- Glass Technology Consultant
John Kepple- American Glass Research

Update NASFM (National Association of State Fire Marshals) meeting

Linda updated the group on a meeting held in August of 2002. This meeting was driven by the NASFM's desire to create legislation for laws that would establish candles, cigarettes, upholstered furniture, and bedding materials performance criteria.

The August meeting included NASFM, NCA and CSPA (not to be confused with CPSC) representatives ... CSPA is "Consumer Specialty Product Association".

- The meeting was viewed to be a positive exchange.
- The NASFM was not aware of the extensive efforts underway to create voluntary standards for candle fire safety / performance.
- Open dialogue between the groups is now expected going forward.
- The NASFM is not expected to change their desire to create legislation for candle performance. However, at this time they do not have sponsors in the U.S. House or Senate.
- It is possible that the voluntary standard being created by the ASTM Fire Safety Task Group will be included as part of any legislation proposed. Linda feels that it is less likely that our specification would be included in any legislation, but that is a possibility.

Update on the ASTM Fire Safety Task Group specification

The initial specification was balloted with negative votes cast. The task group met in August to review the results of balloting and a revised specification is expected shortly. We do not have a date for release of the revised specification. An update will be given at the NCA / ASTM meeting during the week of 9/9/02.

We encourage all members of this task group to review the revised specification once released, as there are issues that could affect the glass industry.

CPSC & NCA Cleared

X No Mfrs/Private Labels or
Products Identified

Excepted by _____
_____ Modified.

9-11-02
AB



Round Robin Testing for the scratch test used in the specification

Linda has determined that we are not required to conduct Round Robin testing as we had previously thought. Following a brief debate we reached consensus that we would not pursue Round Robin Testing. This decision is supported by:

- American Glass Research was contracted to validate the resultant breaking stress for both methods of glass conditioning used in the scratch test. The results were statistically valid.
- The glass industry has used this method to validate annealing for many years and for product destined to all market segments.

Visible Characteristics

We discussed the proposed verbiage that was drafted in at our 4/19/02 meeting. The following concerns were expressed:

1. Anchor Hocking – has concern with the word “Knowingly” ... It was questioned: can we replace with “intent”?
2. Indiana Glass – has concern with the word “visible” ... concern exists due to cord conditions, which may not be visible.
3. Durand – has concern with C-224, which does not specify an AQL level of acceptance.

This issue was tabled pending our October 3rd meeting at which time this topic will be our major focus. Our object on October 3rd will be to bring closure to this section.

Assignment: Everyone to come to the October 3rd meeting with proposed verbiage revisions. If possible, we encourage you to publish your thoughts in advance of the meeting so that others can consider your proposal and concerns in advance.

Notes from our 4/19/02 meeting that pertain to this topic are attached for your review.

Meeting Dates:

It was decided that our next meeting would be held at ACTS Testing since AGR cannot host our meeting on October 3rd.

Thursday October 3, 2002

Time – 9 am to 3:30 pm
ACTS TESTING LABS
100 Northpointe Parkway
Buffalo, NY 14228-1884
Phone: (716) 505-3300
Fax: (716) 505-3301

Dennis MacLaughlin will forward recommended lodging, travel directions from the Buffalo Airport to ACTS Testing (about 20 minutes) and Dennis will arrange lunch at our expense.

We have decided to tentatively hold our planned meeting date of November 14th. At the end of the day on October 3rd we will decide whether this meeting date will be needed.

9/7/02

Attached reference – 4/19/02 meeting minutes excerpts

5) Attributes- All

To facilitate discussion, Randy drafted 3 options for dealing with the “Attributes” section. After some discussion, it was agreed that the term “Attributes” be substituted with “Visible Characteristics”. The C 224 standard uses the word “characteristics” more consistently than “attributes”. We also felt that the word “characteristics” was more easily understood. The following section was then drafted:

4.3 Visible Characteristics (Maybe section 4.1)

The producer shall not knowingly supply glass containers with visible characteristics that judgment and experience indicate are likely to result in hazardous or unsafe conditions for the end user or characteristics that judgment and experience indicate are likely to prevent the functionality of the candle container.

Containers shall be inspected in accordance with C 224 Standard Practice for Sampling Glass Containers.

We then discussed who the stakeholders would be for this section. We listed:

- glass manufacturers
- after manufacturing processors/secondary processors (i.e. decorators)
- candle manufacturers
- consumer/end-user

The only issue that was raised during this discussion was concerning the secondary processors. We questioned whether or not our current standard was clear enough in its scope to include them. While we do include reference to them in each of the performance requirement sections, we do not clearly include them in the overall scope of the standard. We will review the need to clarify the scope when we rebalot in the future. There was also a concern about the ability of these secondary processors to afford Thermal Shock equipment. The team felt that we should consult with 1 or more secondary processors or include them as members on this team or a future team. Some possible secondary processors include:

- Moderne Glass (Decorator)- near Butler, PA
- Custom Deco- near Toledo

Note from Randy- after giving this further thought we may want to go through the Society of Glass and Ceramic Decorators (SGCD) as opposed to working with individual decorators ourselves. This would better ensure that their member ship is made aware of this pending standard. Not sure what, if any, complexity that will add to our task.

Subject to future discussion, we suggested a starting point on rewording the Scope section as follows:

1. Scope

- 1.1 This specification covers the minimum requirements for annealed soda-lime-silicate glass containers, when the producer or secondary glass processors knows the containers are to be used as candle containers.***