

**Tewabe Asebe, CPAC, EHS**  
**April 23, 1999**

CPSA 6 (b)(1) Cleared

*N* 4/28/99  
No Mfrs/Prvtl.bls or

Products Identified

\_\_\_\_ Excepted by \_\_\_\_\_

\_\_\_\_ Firms Notified,

Comments Processed.

**ASTM D10 on Packaging - Seattle, Washington**  
**April 19 - 20, 1999**

At the ASTM D10 on packaging meetings, I attended the ASTM D10.32 Subcommittee on Consumer Products meetings as follows:

- Task Group (TG) on Mechanical Pump Definitions - Monday, April 19, 10:00 to  
The TG discussed terminology relating to mechanical pumps.
- TG on Mechanical Pump - Force to Actuation - Monday, April 19, 11:00 am to 12:00 pm  
The TG discussed standards for determining the force-to-actuate of a mechanical pump dispenser.
- TG on Mechanical Pump - Diptube Measurement - Monday, April 19, 1:00 to 2:00 pm  
The TG discussed standards for determining the length of a mechanical pump dispenser's dip tube.
- Subcommittee (SC) on Consumer Products, Tuesday, April 20, 10:00 am to 12:00 pm  
The SC reported to the SC members results of the SC ballots and summarized all of the D10.32 meetings.

I also attended the ASTM D10.31 Subcommittee on Child-Resistant Packaging meetings as follows:

- TG on Torque Testing Round Robin, Monday, April 19, 2:00 to 4:00 pm  
Eight laboratories using two manual (Spring loaded analog, Electronic Digital) and two automatic (vibrac, Sure torque) instruments tested company X's caps with company Y's bottles. The test results showed that even within a lab the measurements were not repeatable for each instrument. Test conclusion - mechanical testing instruments can not be used to repeat opening torques of a CR package design (plot of Residual versus Normal score test data was not normally distributed). The committee discussed testing NCRCT caps with the same bottles.
- SC on Child-Resistant packaging, Tuesday, April 20, 8:00 to 10 am

ISO Update:

- Standard for unit packages
- At this point no mechanical tests
- For sequential tests: 3 minutes tests instead of 5 minutes tests as in US
- No teeth instructions
- Next meeting in Switzerland, Europe August 9 - 10, 1999
- Next meeting in US after the ASTM meeting in October, 1999 - New Orleans, Louisiana.
- Argentina is working to come up with protocol test standards by November, 1999

Update on Canadian Standards:

- Reclosable test standards - Z76.1
- Multiple opening and closing 100 times before packages are given to children  
(Logic: 3 times a day for a month == 100 times opening)
- Non reclosable test standards - Z76.2 - standards not in effect yet
- For sequential tests: 5 minutes as in the US, plus teeth can be used

CPSC Update: See attachment - Richard Ward, D10.31, Secretary needs a copy of the CPSC update

Next ASTM meeting October 24 to 27, 1999 in New Orleans, Louisiana