U.S. Consumer Product Safety Commission
LOG OF MEETING

SUBJECT: CPSC Laboratory Tour/Meeting with USTL

DATE OF MEETING: April 4, 2007

LOG ENTRY SOURCE: Jim Joholske

DATE OF LOG ENTRY:

LOCATION: CPSC Laboratory, Gaithersburg, MD

CPSC ATTENDEE(S):
Jim Joholske, Office of Compliance and Field Operations
Michelle Gillice, Office of Compliance and Field Operations
Neal Gasser, Laboratory Sciences, Division of Chemistry
Thomas Hardison, Laboratory Sciences, Division of Chemistry

NON-CPSC ATTENDEE(S):
Li Qiang, USTL
Mike Marietta, Jake's Fireworks
Mick Marietta, Jake's Fireworks

SUMMARY OF MEETING:
At the request of Li Qiang from USTL, a tour of CPSC's fireworks laboratory was scheduled for April 4, 2007. USTL is a company that tests consumer fireworks in

China before their exportation to the United States. Mr. Li also requested as part of the tour to discuss CPSC's fireworks testing procedures. Accompanying Mr. Li was Mike and Mick Marietta from Jake's Fireworks.

Neal Gasser, CPSC Chemist, conducted the tour of the fireworks laboratory and reviewed the various equipment and procedures used to test fireworks. Of particular interest to Mr. Li was the equipment and methods used to identify an audible effect in an aerial fireworks device. Mr. Gasser explained the method used to determine an audible effect during field testing and then described how the pyrotechnic composition identified as producing the audible effect is measured.

Another area of interest was the testing of large multiple tube mine shell devices for compliance with 16 C.F.R. sec. 1507.12, the 60 degree tilt angle test. Mr. Gasser reviewed the tilt angle test device the CPSC laboratory uses and demonstrated how the the test is conducted.

After the tour of the fireworks laboratory, the group proceeded to the conference room located in Building "B". The group then generally discussed CPSC's fireworks regulations and USTL's standards. Mr. Li explained that USTL is now testing large multiple tube mine shell devices to 63 degrees to ensure the products are in compliance with CPSC regulations. Mr. Li also played for the group a CD, which demonstrated a sound measurement test used by USTL. The CD showed several devices being ignited along with the procedures used to capture the audible measurements.

Mr. Li also indicated that USTL intends to organize a standards committee and would like to have a CPSC participant on the committee.