

**LOG OF MEETING
DIRECTORATE FOR ENGINEERING SCIENCES**

SUBJECT: Meeting of the ASTM Crib Mattress Compression Task Group

DATE OF MEETING: 6 January 2020

PLACE OF MEETING: Virtual (teleconference)

LOG ENTRY SOURCE: Hope Nesteruk (ESMC)

COMMISSION ATTENDEES: Hope Nesteruk (ESMC) Jill Jenkins (EC), Steve Harsanyi (ESHF), Max Sanborn (LSM), Daniel Taxier (ESMC), Mary House (OGC), and Suad Wanna-Nakamura (HSPP)

NON-COMMISSION ATTENDEES: Contact ASTM for attendee list.

SUMMARY OF MEETING:

The task group discussed the 12/11/19 letter CPSC staff sent to the task group lead discussing further testing of a mattress that compressed when sheets were installed. Group consensus was that a 3-inch gap between the mattress and crib frame at the corners is concerning and should be addressed in the standard. Task group members raised concerns that the exemplar mattress was thicker than the 6-inches specified in the standard. CPSC staff shared that they had purchased additional mattresses and sheets, and had scheduled further testing before the upcoming subcommittee meeting at the end of January for discussion. Staff stated that CPSC purchased a variety of sheets, washed a subgroup in hot water, and dried the subgroup on high (two times). The task group chair encouraged manufacturers on the call to do similar testing. The task group also discussed how to test the corner gap, via measurement or via probe. The task group consensus leaned toward using a probe test, because of the difficulty in measuring a gap between a crib corner and a rounded mattress corner.

The task group will discuss mattress compression, CPSC's testing, the task group's consensus regarding measurement, and any additional testing, at the subcommittee meeting on January 29, and reconvene in early February. The task group also discussed having a late-February hands-on meeting, potentially at CPSC.