

**LOG OF MEETING****OFFICE OF HAZARD IDENTIFICATION AND REDUCTION****SUBJECT: ASTM F42.07.07 3D Printing Additive Manufacturing in Construction subsection****DATE OF MEETING:** March 31, 2022**LOG ENTRY SOURCE:** Treye Thomas (EXHR)**DATE OF LOG ENTRY:** May 3, 2022**LOCATION:** Teleconference**CPSC ATTENDEE(S):** Treye Thomas (EXHR),**NON-CPSC ATTENDEE(S):** Contact ASTM for the attendee list.**Summary of meeting:**

The meeting was the second for the ASTM F42.07.07 subsection on 3D printing construction. The overall scope of the F42 committee is the development of standards for additive manufacturing. The F42.07.07 subsection of the subcommittee will focus on the construction of homes and other large structures using 3D printing technology. The meeting participants discussed the types of files used in construction and the adjusting for the potential loss of detail when translating the plans developed by the architect to an actual printed home. The participants discussed the use of an array of new materials in 3D printing including polymers and metals. CPSC staff mentioned the need to ensure the safety of these materials and consider the potential exposure to the occupants of the home.