LOG OF MEETING
DIRECTORATE FOR ENGINEERING SCIENCES

SUBJECT: Voluntary Standards Meeting to Discuss Possible Fuel System, Hot Surface, and Debris Penetration Requirements for Off-Highway Vehicles (OHVs)

DATE OF MEETING: November 9, 2021, 1 PM Eastern Time

PLACE OF MEETING: Outdoor Power Equipment Institute (OPEI) Headquarters, Alexandria, Virginia

LOG ENTRY SOURCE: Han Lim, Engineering Sciences, Division of Mechanical and Combustion Engineering (ESMC)

CPSC ATTENDEES: Jacqueline Campbell, Han Lim, Caroleene Paul

NON-COMMISSION ATTENDEES: Contact OPEI for the attendee list

SUMMARY OF MEETING:
On November 9, 2021, CPSC staff participated in a voluntary standards meeting with members of the Outdoor Power Equipment Institute (OPEI), the Specialty Vehicle Institute of America (SVIA), and the Recreational Off-Highway Vehicle Association (ROHVA). These standards development organizations (SDOs) represent interests for standards development of utility vehicles (UTVs), recreational off-highway vehicles (ROVs), and all-terrain vehicles (ATVs).

All three SDOs presented their draft proposals for standard requirements that address fire and hot surface hazards associated with OHVs. For the thermal hazards, some of the topics discussed were fuel tank structural integrity, fuel hose retention strength, tipover/rollover fuel containment, fuel tank elevated temperature/pressure test, and hot surface temperature requirements when subjected to chassis dynamometer testing or actual drive testing.

The SDOs also presented some potential testing approaches to address debris penetration hazards that included a pneumatically actuated projectile striking an ROV floorboard.

The SDOs expressed interest in observing debris penetration testing that is being conducted at the CPSC's contractor SEA test facility. CPSC staff and the SDO leaders agreed to remain in contact to establish the next meeting date, possibly in January 2022 at the SEA facility. CPSC staff agreed to clear the SEA technical report for public release as soon as possible.