

**LOG OF MEETING  
DIRECTORATE FOR ENGINEERING SCIENCES**

**SUBJECT:** Off-Highway Vehicles (OHVs) – Fire/thermal hazards and debris penetration hazards.

**DATE OF MEETING:** June 27, 2019

**PLACE OF MEETING:** SEA Ltd, Columbus, OH

**LOG ENTRY SOURCE:** Caroleene Paul, ESME

**COMMISSION ATTENDEES:** See attached attendance list

**NON-COMMISSION ATTENDEES:** See attached attendance list

**SUMMARY OF MEETING:**

CPSC staff participated in a voluntary standards meeting with members of the Specialty Vehicle Institute of America (SVIA), the Recreational Off-Highway Vehicle Association (ROHVA), and the Outdoor Power Equipment Institute (OPEI). This meeting was a follow-up to:

- 1) September 2018 meeting, at which staff presented recall information related to fire hazard and debris penetration hazard involving off-highway vehicles (OHVs).
- 2) In-depth investigation (IDI) cases shared by CPSC staff related to fire hazard and debris penetration hazard involving OHVs.

SVIA and ROHVA presented their own analysis of the IDIs provided by CPSC staff. The presentation categorized the fire hazard IDIs several ways, including by: year of incident, type of vehicle, whether injury occurred, whether fire was involved, and whether there was sufficient information to analyze the incident. Members expressed challenges in developing fire prevention requirements based on the information provided due to vehicle complexity (different design and usage for ATVs, ROVs, and UTVs), low rates of injuries and fires, and hazards created by manufacturing errors as opposed to vehicle design. Two slides on debris penetration categorized the incidents as high-severity, low-occurrence events.

CPSC staff clarified that the preliminary categories in the 2018 presentation were based on recalls related to fire hazards; however, with inclusion of IDI information, the categories created by SVIA/ROHVA are still similar to CPSC staff's general categories of electrical system, mechanical system (includes fuel and exhaust system), and debris accumulation. Staff also encouraged the standards organizations to proactively address fire hazards in off-highway vehicles before injuries rise to a level of concern. Staff stated that debris penetration injuries and fatalities are very concerning, and there is an opportunity to minimize the hazard through voluntary standard requirements. Staff encouraged the standards organizations to not dismiss the debris penetration hazard.

CPSC staff requested that SVIA's presentation be shared and used as a starting working document to jointly review the IDIs. Staff would also send the latest recall information to the voluntary standards organizations. All parties agreed to analyze the recall and IDI data, and meet again to continue discussions. Instead of category-specific task groups, the standards organizations preferred to maintain one group composed of all the members.

MEETING ATTENDANCE RECORD

OHV Fire and debris penetration hazards

June 27, 2019

COMMISSION ATTENDEES:

Name		Phone	Email
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NON-COMMISSION ATTENDEES:

Name		Organization	Phone	Email
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Louis	Brady	Polaris	651-470-8090	[REDACTED]
Jason	Britt	Textron	706-796-4544	[REDACTED]
Ken	Bush	Suzuki	714-996-7040	[REDACTED]
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