

Submitted by the expert from Sweden

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agenda item 2(a))

Fire suppression systems

The proposal

- Harmonised requirements that ensures appropriate fire safety level.
- Well defined and repeatable test procedure – generic test mock-up to recreate the main trials for a fire suppression system.
- Clear and straight forward application on vehicle approvals:
 - Step 1 – type-approval of the fire suppression system
 - Step 2 – installation of type-approved system taking into account hazards of the specific engine compartment.

Comments from last session

- All classes should be included – fires occurs in all classes.
- Vehicle specific testing – difficult to ensure appropriate security level and establish harmonised application of the requirements.
- Fan testing
 - Simulating air flow, e. g. wind speed
 - Component approval – performance requirement for all applications.