Behaviour of M2 & M3 general construction in case of Fire Event

IWG - BMFE
IWG BMFE overview

1 meeting on 2019 2nd quarter
- Chair: France (UTAC)
- Secretary: OICA

7th meeting
- 2019 June 25th / 26th
- Venue: Bergisch Galbach, Germany (BASt)
- 20 attendees: 4 contracting parties / 5 test centers / OICA / CLEPA / CLCCR
Smoke toxicity

- BAM (Bundesamt für Materialforschung und -prüfung – Federal office for research and testing of Materials) presented the state of play of their ongoing research project: Development of tests for bus interior materials toxicity assessment.

- Study time schedule around 5 steps:
  - Identifying the materials at stake
  - Identifying the toxic components
  - Performing the relevant tests (Oct 2019)
  - Defining an assessment method (Apr 2020)
  - Defining recommendations (Nov 2020)
Smoke toxicity

- A balance between smoke toxicity and material flammability was discussed and a proposal for cost/benefit ratio will be provided for the next session.

Adhesive agent

- Draft proposal for amendment is frozen and will be submitted to GRSG at the April 2020 session.
7th IWG BMFE meeting

UN Regulation No.107 Contents

- Combination of fire detection and fire suppression warnings
  - Draft proposal for amendment is frozen and will be submitted to GRSG at the April 2020 session.

- Opportunity to separate provisions for temperature checks at different spots
  - Topic still under evaluation, will be discussed at the next session.
7th IWG BMFE meeting

UN Regulation No.107 Contents

- Minimum performance level for fire detection
  - Discussion are not finalized yet but current orientation is more based on OEM declaration. Associated test protocols are under investigations.

- Automated emergency exits
  - Forecasted wording to implement this specification could burden vehicle manufacturers about functional safety. A final consensus on the wording is in progress.
7th IWG BMFE meeting

- Safety instructions

- Draft proposal for amendment is frozen and will be submitted to GRSG at the April 2020 session, applicable to classes II, III and B.
7th IWG BMFE meeting

Next session

- 1 ½ day meeting
- 2019, December 4th – 5th
- Venue: Aguila (Biarritz, France)

Secretary

- Secretary will be taken over by CLCCR as from now on.
Thanks for your attention.