



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

**IWG - BMFE**



# IWG BMFE overview

## ➤ 1 meeting on 2019 2<sup>nd</sup> quarter

- Chair : France (UTAC)
- Secretary : OICA

## ➤ 7<sup>th</sup> meeting

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



# 7<sup>th</sup> IWG BMFE meeting

## UN Regulation No.118 Contents

### 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)



# 7<sup>th</sup> IWG BMFE meeting

## ➤ UN Regulation No.118 Contents

### ➤ 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.



# 7<sup>th</sup> 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.



# 7<sup>th</sup> 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.



# 7<sup>th</sup> IWG BMFE meeting

## ✈ UN Regulation No.107 Contents




### ✈ 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.



# 7<sup>th</sup> 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.



# UTAC CERAM



Thanks for your attention.