



# Task Force “Toxic Gases” progress update

24<sup>th</sup> GTR EVS meeting

*08-10 June 2022*

# Scope

To evaluate adequacy of the verification method – "*...visual inspection without disassembling any part of the Tested-Device*" – adopted in Phase 1 for occurrence of electrolyte leakage and venting.

## Pass/fail criteria:

- No evidence of electrolyte leakage
- No evidence of venting

are adopted in Phase 1 for a number of in-use tests and tests evaluating the post-crash safety

# Meeting #1

- **Date and time:** 28<sup>th</sup> of April 2022, 12.00-14.30 CEST
- **Venue:** online, Webex
- **Participants:** Canada, China, European Union represented by the European Commission, India, United States of America, OICA, test houses and laboratories - total about 30 participants
- **Presentations:**
  - “Analysis and early detection possibilities of failing Li-ion cells” - Dr. Christiane Essl, Virtual Vehicle Research GmbH (AT)
  - “Research on consistency of gas venting test method” - Ms. Zhang Ying, CATARC (CN)
  - “Composition detection method and toxicity classification of traction battery thermal leakage” – Dr. Sun Jie, CATARC (CN)
  - “Li-ion Cell Venting Risks, Detection, and Countermeasures” – Mr. Brian Engle, Amphenol Advanced Sensors (US)
  - “JRC progress update on electrolyte and venting detection” – Dr. Natalia Lebedeva, JRC/EC (EU)
- **Round table questions:** presented by the JRC and circulated among the IWG experts for consideration
- Presentation slides, round table questions and meeting minutes are made available to all IWG experts

# Meeting #2

- **Date and time:** 29<sup>th</sup> of June, 2022, 13.00-15.00 CEST
- **Venue:** online, Webex
- **Participants:** welcome to join
- **Round table questions:**
  - Presented by the JRC and circulated among the IWG experts for consideration
  - Please provide your position in advance of the meeting

# Thank you



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