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| **Task Force - 7** | **Fire resistance Test** |
| **Task Force Leader(s)** | Hyuk Jung ([jh-katri@ts2020.kr](mailto:jh-katri@ts2020.kr)) |
| **Purpose** | To study and discuss fire resistance test procedure of REESS 7.2.6.3.2 which has been proposed by Korea as an alternative. |
| **Documentation**  **(include the links)** | * TF7 Progress Report(rev.1) ([EVS-08-22e](https://www2.unece.org/wiki/download/attachments/25265526/EVSTF-02-03e.docx?api=v2)) * GTR draft(Fire resistance test) (EVSTF-03-06e) * KATRI presentation |
| **Status**  **(include the links)** | * Submitted GTR draft of Korea fire resistance test as an alternative (EVS-03-13e) * Showed the result of research on an equivalent test between test(A) and test(B) (EVS-06-26e) * Divided TF7 task into two part(short &long duration) and progress in parallel (EVS-06-38e) * Showed the result of an investigation on test facilities over contracting parties (EVSTF-03-28e) * Open issues ( EVS-08-22e)   **Part 1. Short Duration Fire Resistance Test**   1. Gasoline pool test vs. LPG burner test – equivalency etc. 2. Necessity to define a single or multiple test methods 3. Necessity to provide temperature profile regarding to starting condition 4. How to define the temperature sensor location 5. Need to measure heat flux of LPG burner test 6. Necessity to define a specification of test equipment 7. How to justify performing the vehicle test on a mock up structure with the combustible materials removed.   ※ #3, 4, 5, 6, 7 : Should be considered after making a decision for #1, 2 above.  **Part 2. Long Duration Fire Resistance Test**   1. Define the proper test method for long duration test 2. Basic issues of the fire resistance test such as purpose, definition of long term, exposure time, etc. 3. Detailed working plan and timeline by US and Canada |
| **Issues/Challenges** | * Defining a single or multiple test methods   - Vehicle based/Component based & Gasoline pool/LPG burner   * Long duration fire test   - Purpose, definition, test method etc. |
| **Timeline/future meetings** | * Timeline will be clarified after making a conclusion on defining a single or multiple fire test. |