



U.S. Department
of Transportation

**National Highway
Traffic Safety
Administration**

Memorandum

Subject: **ACTION:** Docket Submission of “Supporting Documents for the Notice of Proposed Rulemaking proposing FMVSS No. 307 Fuel System Integrity of Hydrogen Vehicles, and FMVSS No. 308 Compressed Hydrogen Storage System Integrity”

Date:

From: Shashi Kuppa,
Director
Office of Crashworthiness Standards

To: Docket No. NHTSA-2024-0006

Thru: Terrence Sommers
Assistant Chief Counsel

The following documents are being submitted as supporting information for the Notice of Proposed Rulemaking proposing FMVSS No. 307, Fuel System Integrity of Hydrogen Vehicles, and FMVSS No. 308, Compressed Hydrogen Storage System Integrity that would establish safety requirements for hydrogen fuel vehicles. (RIN 2127-AM40).

- (1) The technical document titled “Quantum GTR Pressure Cycle Discussion.pdf”
- (2) The technical report titled “GTR No. 13 Fire and Closures Tests.pdf”
- (3) The technical document titled “New equation for calculating accelerated life test temperature.pdf”
- (4) The technical document titled “Post-crash hydrogen leakage limit for FMVSS No. 307.pdf”

Please submit these technical documents and this memorandum to Docket No. NHTSA-2024-0006.

Attachments

- 1 Quantum GTR Pressure Cycle Discussion.pdf
- 2 GTR No. 13 Fire and Closures Tests.pdf
- 3 New equation for calculating accelerated life test temperature.pdf
- 4 Post-crash hydrogen leakage limit for FMVSS No. 307.pdf

