

# GTR No. 13 Phase 2 TF0 Draft Document Progress Update

*March 26, 2021*

# TF0 Draft Document 19Mar2021

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- All Markup (redline) is shown in the pdf file:
  - “ECE-TRANS-180a13e\_TF0\_Draft\_19Mar2021\_All\_Markup.pdf”
- A second pdf file with No Markup is also provided:
  - “ECE-TRANS-180a13e\_TF0\_Draft\_19Mar2021\_No\_Markup.pdf”
- This document is a “snapshot” of current progress in TF0
- It does not represent a final product
  - For example, numbering may be incorrect or missing
- In Part I, new text has been placed in the appropriate sections
- In Part II, direct edits (additions & strikeouts) have been applied as necessary
- All edits included thus far are for agreed-upon items (at least within task forces)

# Phase 2 Updates Included – Part I

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- Vehicle description and rationale for scope (to include heavy vehicles)
- Rationale for performance requirements (TF3)
  - These updates are indicated with “Phase 2 Change #” and correspond to the current TF3 Table
- Permeation criteria rationale
- $BP_{\min}$  change rationale (added as CP option)
- Fire test rationale (TF4)
- Electrical safety rationale deleted
- Section J References updated
  - Need CPs to confirm national standards are up-to-date
- New Section L “Interoperability Considerations” (TF5)

# Phase 2 Updates Included – Part II

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- Definitions
  - State of charge (SOC), Specific heat release rate
  - Container, Container Attachments, Container Assembly, and CHSS
- Performance requirements and test procedures (TF3)
  - Extensive technical and editorial edits to existing requirements and test procedures
  - New test procedures
  - For details, refer to green and white rows of the current TF3 Table (rows marked with X)
- Fire test working draft (TF4)
- Electrical safety requirements deleted

# Pending Items Not Included

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- TF1 updates and changes
  - Service life extension
  - TPRD venting direction
  - Sled test
- TF2 fuelling receptacle requirements
- TF3 pending items (purple and orange rows in TF3 table)
- Conformable containers
- Material compatibility
- HG-SCC

# TF0 Next Steps

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- We will “Accept all” and continue drafting
  - Accept all does not mean changes are permanent
  - The purpose is to simplify the TF0 working document
- Please submit comments using the comment template provided
- TF0 will review all comments, and either:
  - Resolve within TF0
  - Refer to appropriate TF
  - Refer to IWG

# “TF0 Comment Template.docx”

TF0 Comment Template

ORG	Clause/ Subclause (e.g. 3.1)	Paragraph/ Figure/ Table/ (e.g. Table 1)	Type of comment <sup>1</sup>	Comments	Proposed change	Observations/Actions

Please send all comments to [ian.macintire@dot.gov](mailto:ian.macintire@dot.gov) by April 14<sup>th</sup>.

# Questions

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