



AAR Tank Car Committee

February 2024



TCC Recent Changes

- Publication M-1002 2024
 - Facility Audit Demonstrations
 - A to Z
 - Appendix W - Welding
 - Pipe Welding Qualification
 - Flash Welding
 - Appendix T - NDT including Visual Testing
 - Personnel Qualification

TCC Future Work

- Chapter 1 Approval Process
 - Service Equipment
 - Approvals for Alterations, Modifications and Conversions
- Appendix M Materials
 - Reorganization
- Appendix D Qualification of Tanks
 - Service Reliability
- NTSB and DOT open recommendations
 - Fire Performance
 - Hinged and Bolted Manways
 - Stub Sill 85% rule
 - Proposed DOT 116 Class

Quality and Tank Cars

NAR's and Commodity Releases

- Personnel Safety
- Clean up
- Service Disruptions
- Common Causes

DOT Programs

- HMII
- OTMA
- Common Challenges

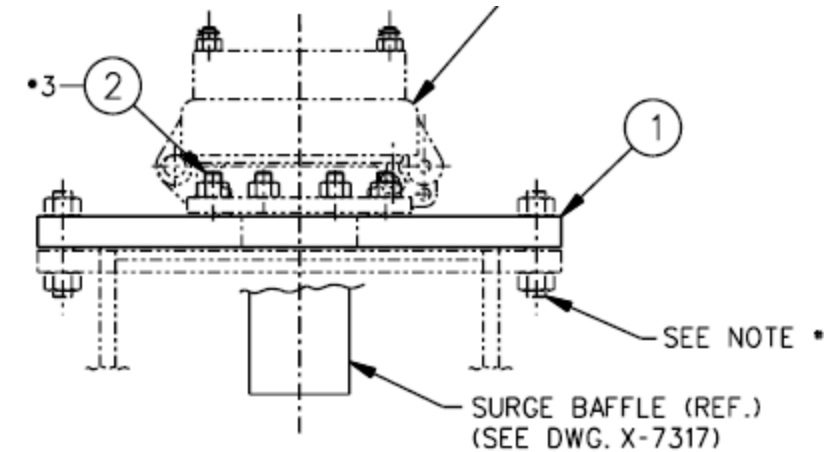
Quality Failure in Action

Blown Rupture Disc

- Hydrogen Peroxide
- Multiple NARs

Deep Dive

- Shop Failure
- MRU Challenges
- Car File (4-2, R1)
- TCC Action



*Required per M-1002, Appendix A

Lessons Learned & Final Thoughts

- Root Cause
- Qualification Interval
- Maintenance Instructions
- Gasket Selection and Maintenance
- Loaders and Unloaders
- Non-conformance Reporting

Questions?



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