



AAR MSRP Section C-III M-1002
TANK CAR MANUAL
TECHNICAL
REQUIREMENTS
TRAINING

SEPTEMBER 20-21, 2022

Hyatt Regency Houston Intercontinental Airport

Training Overview

Cost: \$600 per student. Certificate of training and testing will be provided. Interested parties can register at:

https://salcoproducts.formstack.com/forms/tcs_training_registration

Location: Hyatt Regency Houston Intercontinental Airport
425 N. Sam Houston Parkway E. Houston, TX 77060
Class will be held in the Apollo Room

Requirements: Hard copy of AAR's C-III, that includes all issued CPC's that have updated the Chapters and Appendices issued by AAR since the November 2014 Edition will be covered and discussed in detail.

Who Should Attend: Anyone involved in compliance with the Association of American Railroads' (AAR) Manual of Standards and Recommended Practices, (MSRP) Section C, "Car Construction Fundamentals and Details," including S-2034, Car Builder Certification, and especially Section C, Part III, Specifications for Tank Cars, M-1002.

Suggested participants: Railroads, Shippers, Rail Car Manufacturing and Maintenance Facilities, QA Managers, Production Managers, Operations Management, Fleet Management, Car Owners, that deal with railroad tank cars, as well as companies interested in pursuing these markets.

Program Goals: Review of the federal and industry requirements and associated technical certifications, with not only the initial facility certification, but how to perform the functions to achieve compliance. Note: This course is intended to aid the student with an understanding of the technical requirements of railroad tank cars, how the technical requirements intertwine with the quality assurance requirements, and how to research and obtain answers to questions.

Course Agenda

TIMING ADJUSTED AS NECESSARY FOR SUBJECT MATTER DISCUSSION

DAY ONE: TUESDAY, SEPTEMBER 20, 2022 - 9AM TO 4PM

- Welcome, introductions
- The role of AAR's Equipment Engineering Committee, (EEC)
- The role of the AAR's Tank Car Committee (TCC)
- Review the M-1002 tank car technical certification process and "triggering" mechanisms
- Review the S-2034 Car Builder and Car Assembler Certification process and "triggering" mechanisms
- Begin review of all Chapters and Appendices included in the Tank Car Manual, (C-III), November 2014 edition, (latest revisions)

DAY TWO: WEDNESDAY, SEPTEMBER 21, 2022 - 9AM TO 12 PM

- Complete review of all Chapters and Appendices included in the Tank Car Manual, (C-III), November 2014 edition, (latest revisions)
- Review HM-127, rev. 4, One Time Movement Approvals (OTMA's)
- Address questions
- Written exam designed to aid the student in locating information within the manual
- Written exam review
- Training certificates of course completion to be mailed.

Course Examples Include

SUBJECT MATTER COVERED AS INTEREST AND TIME ALLOW



EXAMPLES:

- Various procedures and forms
- Various DOT, AAR, and industry web links, (noted in modules)
- Calibration certificates, torque wrench logs; SCABT log, etc.
- Tank car facility application, audit, and tank car inspection, test, and repair forms: B2, B3, B3A, B1, 4-2, TCID (legacy R-1, R-2, SS-3 forms)
- “OTMA”: One Time Movement Approval process for nonconforming tank cars
- Photos: where applicable
- Required written company practice: Welding/NDT/Coating-Lining Applicators/PWHT



NOTES:
