

INSIDE THIS ISSUE

Page 1 – RSI 100 Update

Page 2 – Automated Brake Testing – Important Upcoming Changes for Repair Locations & Car Owners

Page 3 – RSI Virtual Conference

Page 3 – AAR Auditor Conference Postponed

Page 4 – Useful Links

RSI 100 UPDATE

Submitted by Lee Verhey – RSI

As described in last quarter’s newsletter, RSI-100 is an industry leading recommended practice developed by members of the Railway Supply Institute (RSI). RSI 100 enables railway parts suppliers to produce tank car components in conformance with the Association of American Railroads (AAR) approved specifications and applicable federal regulations. The Railway Supply Institute developed the RSI-100 Product Conformance Certification Recommended Practice to provide tank car manufacturers and repair facilities confidence that products acquired for installation on tank car tanks conform to the specified quality requirement. The Recommended Practice also provides guidance for verification of product conformance when components are received by tank car manufacturing and repair facilities and is a voluntary minimum standard.

The RSI Quality Assurance Committee (QAC) will continue to review applicable federal requirements and AAR standards on an ongoing basis to ensure that RSI-100 remains a recommended best practice for suppliers of tank car components. This group is composed of quality leaders from RSI member companies and includes manufacturers. It is the mission of the RSI QAC to proactively identify industry issues, needs, and trends and provide guidance and service offerings to continually improve railway supplier products, processes, and services.

RSI-100 is available for download by members and non-members of RSI at no cost. To download the Recommended Practice and associated forms go to:

[RSI 100](#)

For more information on the RSI-100 Recommended Practice, see the article on the Virtual RSI Conference for links to an educational video.

Note on use of the RSI-100 Recommended Practice: The RSI-100 Recommended Practice is not intended to provide legal advice and does not replace the obligation of a company using this recommended practice to comply with applicable federal rules and AAR requirements.

AUTOMATED BRAKE TESTING – IMPORTANT CHANGES FOR REPAIR LOCATION & CAR OWNERS

Submitted by Jake Sternberg – AITX

Circular C-13607 released on June 30, 2020 officially approved the revisions to AAR Field Manual Rules 3 & 4 proposed by Circular C-13546. These revisions were incorporated into the AAR Field Manual of Interchange Rules effective July 1, 2020.

The revisions to Rules 3 & 4 are as follows:

Rule 3.B.4 - All single car tests must be performed via 4-pressure (if car is equipped) using a 4-pressure automated single car test device except when:

- a. 4-pressure automated single car test device is not available
- b. Car is exempt per Rule 4.B.12

Rule 4.B.12 - It is allowed to retrofit any car at the time of single car test with all necessary equipment to allow 4-pressure testing and test from the newly installed equipment except when:

- a. The car has a built or rebuilt date prior to July 1, 1975
- b. Car clearance issues exist that do not allow the application of 4-pressure equipment
- c. The repairing location does not have the capability of performing 4-pressure testing

Rule 4.E.25 - After July 1, 2023, 4-pressure testing must be used if the car is equipped with 4-pressure testing capability and a single car test is being performed for any reason

Rule 4.E.26 - Control valve set not equipped with 4-pressure test capability after June 30, 2025 is not allowed.

Currently, repair shops may use a manual single car test device to perform brake tests, even on cars equipped with 4-pressure testing control valves, assuming the location does not have an automated single car test device. The assumption is that Rule 3.B.4 & Rule 4.B.12 will be revised, removing the exception that allows manual single car test devices to be used when repair locations do not have 4-pressure test capability. The addition of Rules 4.E.25 & 4.E.26 combined with the assumption above leads to the following:

- After July 1, 2023, an automated single car test device must be used if the car is equipped with 4-pressure test capability. This means that repair locations will need to have automated single car test devices to handle these cars
- After June 30, 2025 all freight cars must have 4-pressure test capability. All freight cars will have to be tested with an automated single car test device. Repair Locations will be forced to have automated single car test devices.



Have an Idea for an Article?

Please submit your drafts to Donna Jacobi at djacobi@amstedrail.com or Gary Alderson at alderson@alltranstek.com.

Interested in Joining RSI QAC?

Contact Lee Verhey at verhey@rsiweb.org.



Not Getting the Newsletter and Want to Subscribe?

Contact Lee Verhey at verhey@rsiweb.org.



VIRTUAL RSI CONFERENCE

Submitted by Gary Alderson – AllTranstek

In case you missed it, the RSI Education Technical Advisory Group would like to thank all of participants who helped organize and provide the educational presentations during the September 2020 RSI Online Conference. The willingness of the presenters to help with the new platform of virtual presentations and videos was greatly appreciated. We also want to thank RSI's Amanda Patrick and John Hebert for organizing the web-based applications and providing time slots and organization of the Educational Track of the conference. We would like to thank the following individuals for their time and effort performing the following presentations:

- David J. Ronzani, AllTranstek, LLC – “AAR M-1003 Facility Certification Process”
- James H. Rader, Greenbrier Management – “History of Tank Car Regulations”
- James R. Dinell, AllTranstek, LLC – “NDT Workshop”
- John Byrne, RSI; Tony Sisto, GATX; Tom DeLafosse, Salco Products – “RSI-100 Overview”

The presentations have been saved and are available to be viewed using the links below:

[NDT Workshop](#)

[History of Tank Car Regulations](#)

[AAR M-1003 Certification Process](#)

[RSI-100 Product Certification & Material Inspection](#)

AAR AUDITOR CONFERENCE POSTPONED

Submitted by Michael Ruby – TrinityRail

The AAR Quality Assurance Auditor and Industry Conference that was planned for January 2021 in Fort Worth, TX has been postponed due to on-going concerns with COVID-19. The conference is now scheduled for the week of July 26, 2021 at the Hilton in Downtown Fort Worth, TX. It is currently undecided whether it will be a public conference or scaled down just for AAR Auditors. The decision will be made in early 2021 based on the status of the COVID-19 pandemic.

The information given in this newsletter is for informational and educational purposes only. It is not intended to provide legal advice and should not be relied upon to make business decisions about any existing, future or prior rule, regulation or interpretation.

USEFUL LINKS

[Railway Supply Institute](#)

[RSI QAC & Previous Newsletters](#)

[RSI Tank Car Resource Center](#)

[Registry of M-1003 Certified Companies](#)

[M-1003 Frequently Asked Questions](#)

[American Society for Quality - Training](#)

[AAR M-1003 Certification on-line Application](#)

[AAR M1003, Section J Specification for Quality Assurance](#)

[AAR Training Schedule](#)

[AAR Circulars](#)

[MSRP Publication Current Revision Status](#)

[AAR Online Material Nonconformance Reporting System \(Chapter 7\)](#)

THE FOLLOWING RSI QAC TEAM MEMBERS WORKED ON THIS NEWSLETTER:

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