



Thomas E. DeLafosse  
 Vice President  
 Salco Products  
 Engineering and Technical Services  
 1385 101<sup>st</sup> Street, Suite A  
 Lemont, IL 60439  
 630.512.7595  
[Tom\\_delafosse@salcoproducts.com](mailto:Tom_delafosse@salcoproducts.com)

**To:** Distribution List

**Subject:** July 2017 AAR Circular Letter Summary

The July 2017 summary includes the (11) circular letters issued during the month.

This document provides a summary of each Association of American Railroads (“AAR”) circular letter issued during the previous month. A circular letter provides information of general applicability to the railroad industry, including proposed and final rules, standards, and recommended practices. Circulars are a fee-based service provided by AAR’s Transportation Technology Center, Incorporated (“TTCI”) located in Pueblo, Colorado. You may sign up to receive AAR circular letters online. If you need further assistance with access to circulars, please send any future questions and issues to [Pubs@aar.com](mailto:Pubs@aar.com).

The Field Manual of the AAR Interchange Rules, Rule 1, b. (11), requires maintaining a copy of each “*mandatory circular letter*” that revises an “*Interchange Rule*” or the “*Manual of Standards and Recommended Practices.*” For your convenience, this document identifies mandatory circular letters. For those circulars that propose or implement final changes to an existing rule, standard, or recommended practice, this document provides an impact statement to car owners, lessors, mechanical shops, and railroad operations.

The following matrix identifies the AAR circular letter number, a summary of the circular, any effective date of a rule, standard, or recommended practice, any comment due date, an impact statement, and to the extent it applies, if the circular letter is mandatory.

If you have any questions, please contact Tom DeLafosse at 630.512.7595 or [tom\\_delafosse@salcoproducts.com](mailto:tom_delafosse@salcoproducts.com).

Circular No.	Subject and Summary	Impact Statement
<b>Implemented Changes, Effective the Date of Circular</b>		
C-12924 July 6, 2017	<p><b>Subject:</b> Extension of AAR M-1003 Quality Assurance Program to Include Facilities That Manufacture Freight Wheel Bearing Seals.</p> <p><b>Summary:</b> As mandated by the Technical Services Working Committee (TSWC), contractors who Manufacture Seals for AAR Class Roller Bearings are herein invited to make application for Quality Assurance Certification under the provisions of Specification M-1003. The AAR Wheel, Axles, Bearings, and Lubrication (WABL) Committee received approval from TSWC to add the requirement for M-1003 approval.</p> <p><b>Implementation Date:</b> The sponsoring Committee, WABL, has evaluated the detailed analysis, and has resolved to proceed to implement this change.</p>	<p><b>Car Type:</b> N/A - Bearing Manufactures</p> <p><b>Car Owner:</b> No</p> <p><b>Repair Shop:</b> No</p> <p><b>Comments:</b> This activity will be added to Appendix A of M-1003 as Activity Code 'B33-10 Manufacturer of Freight Wheel Bearing Seals'. The target date to achieve M-1003 certification for companies producing this component is scheduled for January 05, 2018. All M-1003 applications must be submitted online at <a href="http://aar.iirx.net">http://aar.iirx.net</a>.</p>

Circular No.	Subject and Summary	Impact Statement
C-12927 July 18, 2017	<p><b>Subject:</b> Implementation of Revisions to MSRP Section J, Specification for Quality Assurance, Appendix A, Activity (products or services) Group Reference List.</p> <p><b>Summary:</b> The AAR Quality Assurance Committee has revised the Activity Group Reference List located in Appendix A of MSRP Section J, Specification for Quality Assurance. This revision reflects recent changes approved by the AAR Wheel, Axles, Bearings, and Lubrication (WABL) Committee to add the Activity B33-10 Manufacturer of Freight Wheel Bearing Seals to Appendix A of MSRP Section J.</p> <p><b>Implementation Date:</b> The revised Appendix A is attached, and is now implemented effective immediately.</p>	<p><b>Car Type:</b> Freight</p> <p><b>Car Owner:</b> Yes</p> <p><b>Repair Shop:</b> Yes</p> <p><b>Comments:</b> All M-1003 certified companies must download Section J, Appendix A, and update their copy of MSRP, Section J, M-1003.</p>
C-12930 July 20, 2017	<p><b>Subject:</b> Implementation of Revisions to MSRP Section E, Brakes and Brake Equipment, Standard S-419 and S-4008, Slack Adjusters – Mechanical Double Acting, Slack Adjuster Protection.</p> <p><b>Summary:</b> This circular letter is to notify the industry of revisions to MSRP Section E, Brakes and Brake Equipment, Standard S-419, "Slack Adjuster, Mechanical Double-Acting Automatic Tension", and S-4008, "Slack Adjuster, Mechanical Double-Acting Automatic Compression".</p> <p><b>Implementation Date:</b> Standard S-419, "Slack Adjuster, Mechanical Double-Acting Automatic Tension", and S-4008, "Slack Adjuster, Mechanical Double-Acting Automatic Compression" are now implemented and effective immediately.</p>	<p><b>Car Type:</b> Freight</p> <p><b>Car Owner:</b> Possible</p> <p><b>Repair Shop:</b> Yes</p> <p><b>Comments:</b> If Section E is a required publication for your facility, be sure to your manual with the new Standards S-419, and S-4008.</p>
C-12935 July 31, 2017	<p><b>Subject:</b> Implementation of Revisions to MSRP Sections C (Car Construction) and Section M (Locomotives), New Standard S-2056 Clearance Plate Diagrams for Interchange Service. Implementation of Plate M, Locomotive Diagram for Interchange Service.</p> <p><b>Summary:</b> The AAR Equipment Engineering Committee (EEC), the AAR Locomotive Committee (LC), and the AAR Clearance Task Force are implementing new Standard S-2056 Clearance Plate Diagrams for Interchange Service. A copy of the new standard is attached with this circular.</p> <p><b>Implementation Date:</b> This modification will be incorporated in the next issue of the Manual of Standards and Recommended Practices, Section C.</p>	<p><b>Car Type:</b> Freight/Locomotives</p> <p><b>Car Owner:</b> No</p> <p><b>Repair Shop:</b> No</p> <p><b>Comments:</b> If Section C is a required publication for your location be sure to print Standard S-2056, which combines all locomotive and freight car plates into one standard, and inset it into your manual.</p>
<b>Changes Pending 30-Day Comment Period from Date of Circular</b>		
C-12925 July 6, 2017	<p><b>Subject:</b> Solicitation of Comments for Revisions to MSRP Section I, Intermodal Equipment Manual, M-</p>	<p><b>Car Type:</b> Intermodal</p>

Circular No.	Subject and Summary	Impact Statement
	<p>930, Appendix C, Nose Mounted Refrigeration/Heater Unit Container Limiting Dimensions.</p> <p><b>Summary:</b> Proposed revisions to MSRP Section I, Intermodal Equipment Manual, M-930, Appendix C, revisions to container limiting dimensions for containers with nose mounted refrigeration/heater units.</p> <p><b>Implementation Date:</b> All comments received within 30 days of the issuance of this circular will be considered by the ICPC prior to final action on the revisions which are the subject of the comments.</p>	<p><b>Car Owner:</b> No</p> <p><b>Repair Shop:</b> No</p> <p><b>Comments:</b> Interested parties should review the proposed revisions to M-930 that is attached to this circular.</p>
<p>C-12926 July 7, 2017</p>	<p><b>Subject:</b> Solicitation of Comments for Revisions to MSRP Section G-II, Wheel and Axle Manual, S-659, RP-632, RP-633, and RP-634, Wheel Storage, Magnetic Particle Solution, Alternate Journal Length Gauge, and Torque System Calibration.</p> <p><b>Summary:</b> solicit comments for proposed revisions to MSRP Section G-II, Wheel and Axle Manual, S-659, RP-632, RP-633, and RP-634, revision to wheel storage, revision to magnetic particle solution concentration, addition of an alternate journal length gauge for used axles, and revision of the calibration and verification requirements of automated torque systems.</p> <p><b>Implementation Date:</b> All comments received within 30 days of the issuance of this circular will be considered by the WABL Committee prior to final action on the revisions which are the subject of the comments.</p>	<p><b>Car Type:</b> Freight</p> <p><b>Car Owner:</b> No</p> <p><b>Repair Shop:</b> No</p> <p><b>Comments:</b> Interested parties should review the proposed revisions to S-659, RP-632, RP-633, and RP-634 that is attached to this circular.</p>
<p>C-12928 July 18, 2017</p>	<p><b>Subject:</b> Solicitation of comments for revisions proposed for Section F, Sensors, S-920, AAR Component Identification Bar Code Standard.</p> <p><b>Summary:</b> This Circular Letter is soliciting comments for revisions proposed for Section F, Sensors, S-920, AAR Component Identification Bar Code Standard, concerning the tread contour that is to be reported by the manufacturer and the wheel shop.</p> <p><b>Implementation Date:</b> All comments received within 30 days of issuance of this Circular will be considered by the WABL Committee and EHMC prior to final action on the proposed revisions.</p>	<p><b>Car Type:</b> Freight</p> <p><b>Car Owner:</b> No</p> <p><b>Repair Shop:</b> Yes</p> <p><b>Comments:</b> Interested parties should review the proposed changes and provide your comments back to AAR for the proposed changes to S-920 for manufacturers and wheel shops to track the tread contour applied by encoding AAR contour in CEPM Element ID C119.</p>
<p>C-12931 July 21, 2017</p>	<p><b>Subject:</b> Solicitation of Comments for Revisions to MSRP Section C, Car Construction Fundamentals and Details, Standard S-2043, Performance Specification for Trains Used to Carry HLRM, ECP Brake Requirement Removal.</p>	<p><b>Car Type:</b> Freight</p> <p><b>Car Owner:</b> No</p> <p><b>Repair Shop:</b> Yes</p>

Circular No.	Subject and Summary	Impact Statement
	<p><b>Summary:</b> The purpose of this circular letter is to solicit comments for revisions proposed to Section C, Car Construction Fundamentals and Details, Standard S-2043, Performance Specification for Trains Used to Carry High Level Radioactive Material. The main purpose of the revisions in the attached draft is to remove the requirement for Electronically Controlled Pneumatic (ECP) brakes.</p> <p><b>Implementation Date:</b> Comments received within 30 days of the issuance of this circular will be considered by the Equipment Engineering Committee prior to implementation.</p>	<p><b>Comments:</b> Interested parties should review the proposed changes and provide your comments back to AAR for the proposed changes to S-920 for manufacturers and wheel shops to track the tread contour applied by encoding AAR contour in CEPM Element ID C119.</p>
<p>C-12933 July 28, 2017</p>	<p><b>Subject:</b> Solicitation of Comments for Revisions to MSRP Section B, Freight Car Draft Components, Standard S-121, Draft Keys.</p> <p><b>Summary:</b> The purpose of this circular letter is to solicit comments for revisions proposed to Section B, Standard S-121, regarding manufacturing dimensional tolerances and markings.</p> <p><b>Implementation Date:</b> All comments received within 30 days of the issuance of this circular will be considered by the CSTCC prior to taking action on the revisions which are the subject of the comments.</p>	<p><b>Car Type:</b> Freight</p> <p><b>Car Owner:</b> No</p> <p><b>Repair Shop:</b> No</p> <p><b>Comments:</b> Proposed changes consist of the addition of tolerances to several dimensions in paragraph 1.0 and changes in paragraphs 4.1.1 and 4.2.1 regarding branding. The attachment to this circular will replace S-121 in its entirety.</p>
<p>C-12934 July 28, 2017</p>	<p><b>Subject:</b> Solicitation of Comments for Revisions to MSRP Section B, Freight Car Draft Components, Specification M-118, Regarding Coupler and Knuckle Pin Mechanical Properties.</p> <p><b>Summary:</b> The purpose of this circular letter is to solicit comments for revisions proposed to Section B, Specification M-118, regarding changes to mechanical property requirements for knuckle and coupler pins.</p> <p><b>Implementation Date:</b> All comments received within 30 days of the issuance of this circular will be considered by the CSTCC prior to taking action on the revisions which are the subject of the comments.</p>	<p><b>Car Type:</b> Freight</p> <p><b>Car Owner:</b> No</p> <p><b>Repair Shop:</b> No</p> <p><b>Comments:</b> The Coupling System and Truck Castings Committee (CSTCC) is proposing mechanical properties and hardness ranges for coupler and knuckle pins that are consistent with those expected for AISI-1060 steel and consistent with current industry practice. The attached document to this circular will replace M-118 in its entirety.</p>
<b>General Information for the Industry</b>		
<p>C-12932 July 24, 2017</p>	<p><b>Subject:</b> Fall 2017 AAR Technical Committee Meeting Schedule.</p> <p><b>Summary:</b> AAR meetings that have been planned for the second half of 2017 are listed within this circular.</p> <p><b>Implementation Date:</b> The schedule represents the regular "full" committee meetings planned for the 2nd half of 2017. Monthly committee teleconferences and special meetings are not listed.</p>	<p><b>Car Type:</b> Industry Information</p> <p><b>Car Owner:</b> Possible</p> <p><b>Repair Shop:</b> Possible</p> <p><b>Comments:</b> Contact the staff person listed above if you have an item you wish to have considered by a committee in advance of the published meeting dates.</p>