Mechanical Reference Repository (MRR) – Rule 88

New Application process for AAR Interchange Rule 88 - Webinar

Railinc Corporate Cary, NC December 4th, 2014



Agenda

- Introduction to MRR
- **❖ AAR Interchange Rule 88**
 - Purpose of the Rule
 - Users for Rule 88 Application
- Accessing MRR
- Rule 88 Rebuilt Unit process
- Rule 88 Modified Unit process
- **Application Statuses and Approval process**
- Notifications
- **\$ Q&A**



Mechanical Reference Repository

- ❖ The Mechanical Reference Repository (MRR) centralizes and automates elements of the AAR Interchange Rule 88 process
- Helps Equipment/Car owners to reduce manual work to submit the application (Rule 88 forms)
- The new online application will allow the Car owners to
 - Submit application form online
 - * Receive notification(s) and approval letter via email
 - * Request car inspection from Mechanical Inspection Department (MID)
 - Validate their submitting cars against Umler
 - ❖ Validate the Quality Assurance (QA) Code
 - Check their application status real-time in their dashboard
- The Equipment Engineering Committee (EEC) manager can review and take appropriate action(s) for a submitted application
- This helps to keep information up to date across systems and reduces data inconsistencies



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AAR Interchange Rule 88

- Rule 88 of the AAR Interchange Rules provides guidance on minimum mechanical requirements necessary to ensure the safety and structural integrity of the following listed units that are to be used in interchange service.
 - 1. New (N)
 - 2. Newly Acquired (NW)
 - 3. Modified (MOD)
 - Increased Gross Rail Load (IGRL)
 - 5. Rebuilt (RB)
 - 6. Increased Life Status Units (ILS)
- Railinc MRR will support the following applications after December 2014 release
 - Modified Unit (MOD)
 - Rebuilt Unit (RB)
- Equipment Owners, Consultants and Freight Car Repair Shops have the ability to apply for a Rebuilt and Modified program in MRR.

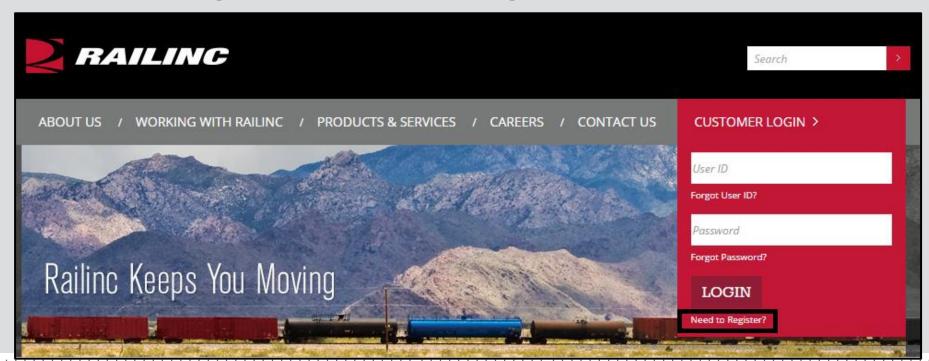


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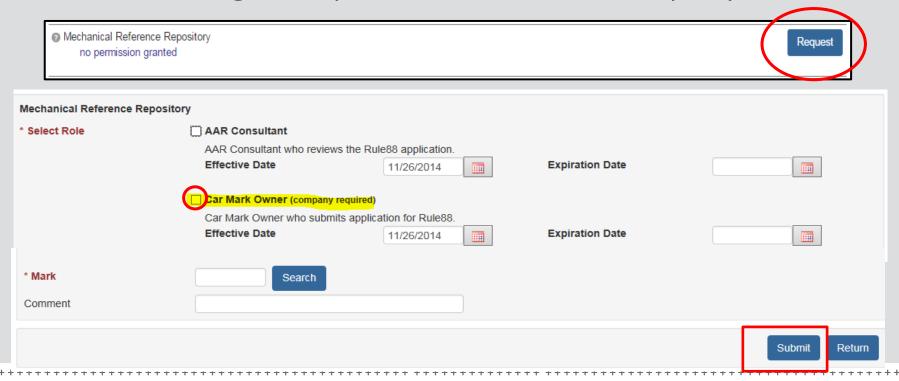
- MRR Application is accessible from Railinc's corporate page at www.railinc.com
- Existing customers must enter User ID and Password
- New customers must register for a Railinc SSO ID by clicking the "Need to Register" link under the Login button





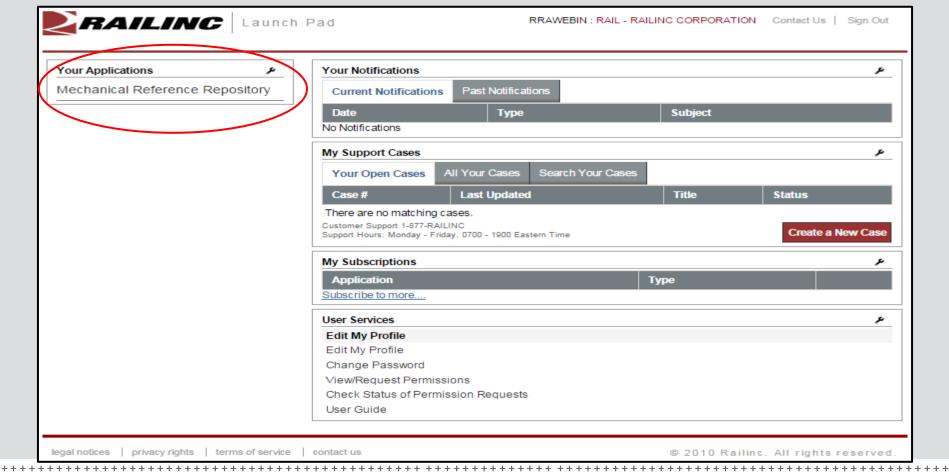
Requesting Access

- ➤ A car owner must request "Car Mark Owner" permission and provide their valid Railinc Company ID/Mark
- > Access will be granted per the Railinc Data Access policy



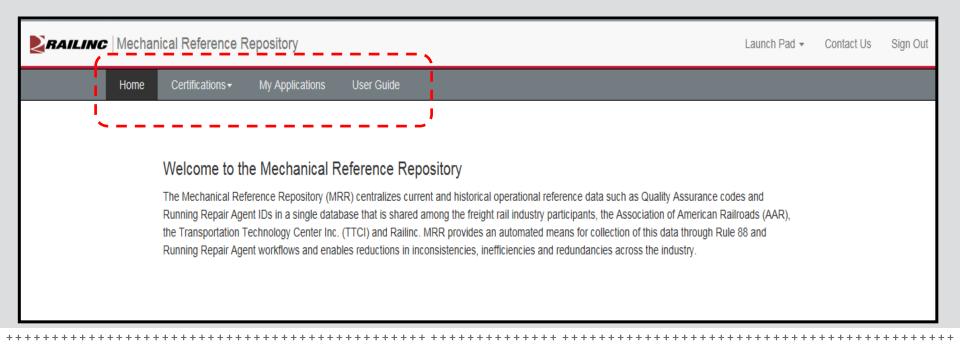


> The link to "Mechanical Reference Repository" will display under your Launch pad applications (once the access is granted).





- The Car Mark Owner will view the home page with the below tabs on the menu bar
 - > Home
 - > Certifications
 - My Applications
 - User Guide





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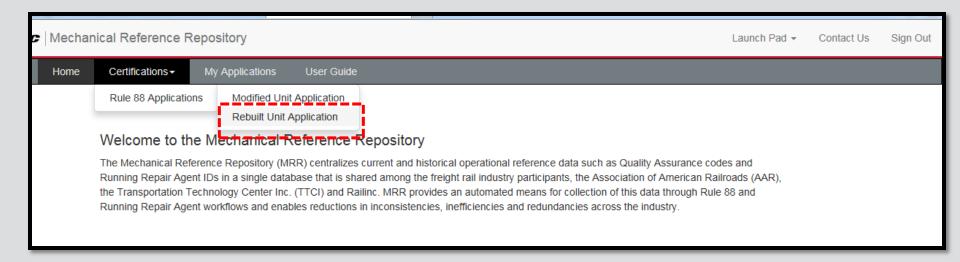
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- Car owner can select "Rebuilt Unit Application" from the "Certifications" menu item
- Car owner can complete and submit the application by providing the below information
 - > Contact details
 - > Unit details
 - Repair/Rebuilt shop details (QA Code must be certified with B26 commodity code)
 - Attach any reports/inspection results/compliance documents
- Car owner can request for MID Inspection
- Car owner will provide inspection date and equipment location
- > EEC Manager will receive an email notification upon successful submission with a given Case number

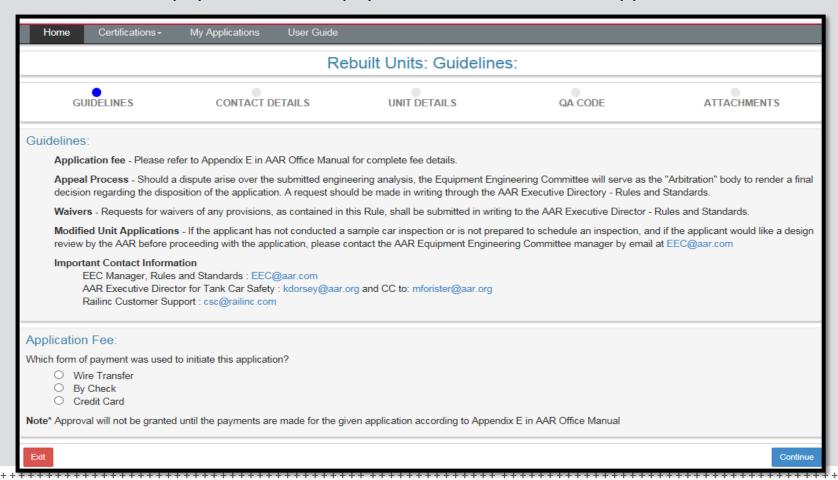


➤ Select "Rebuilt Unit Application" from the "Certifications" menu item



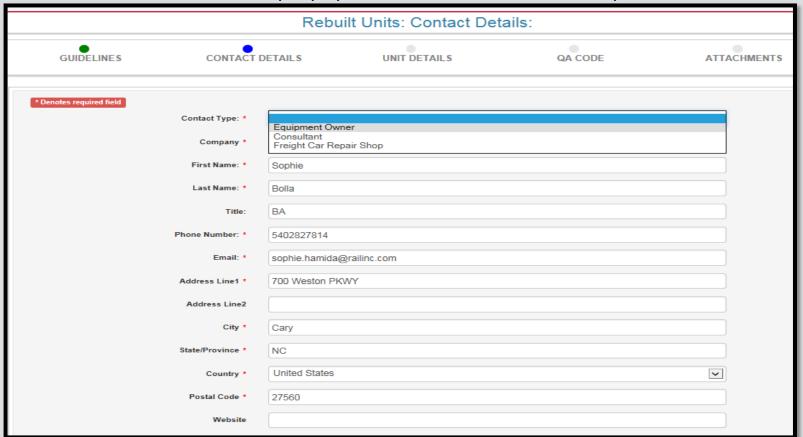


- Review Guidelines page
- Select form of payment used to pay service fees defined in Appendix E





- Select Contact type
- Review the contact details and make necessary changes
 - Contact information is prepopulated from the user's SSO profile

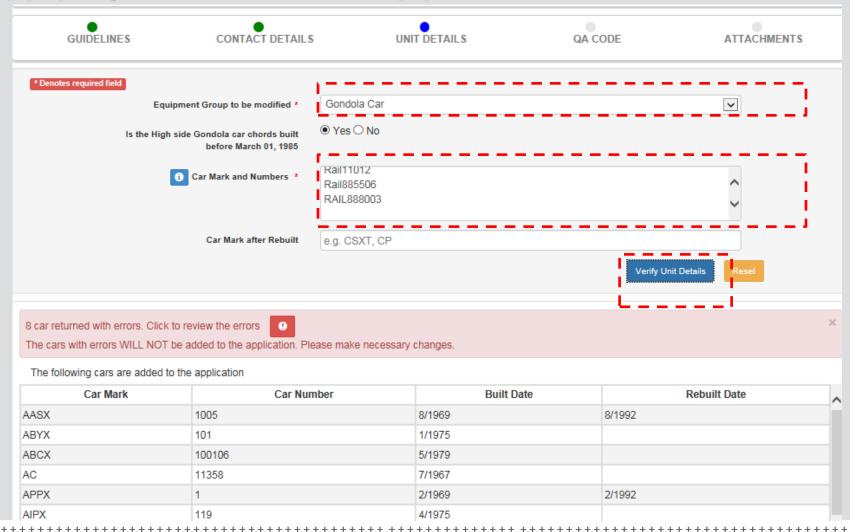




Entering Unit Details

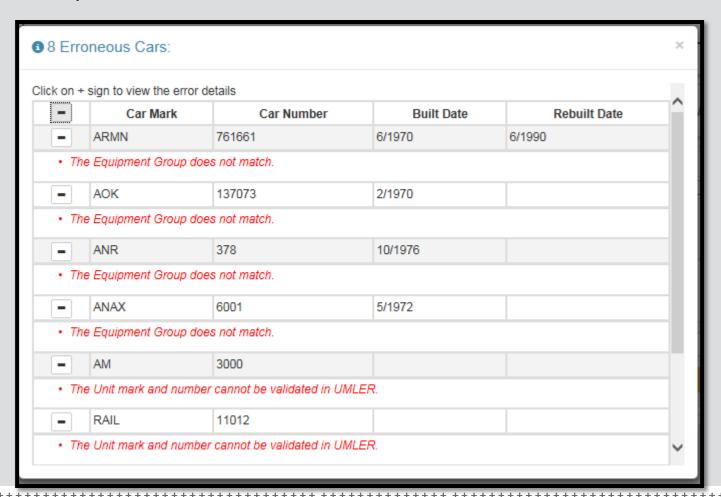
- ➤ Enter valid Car IDs (e.g. RAIL200) up to 150 cars can be entered
 - List of Car IDs can be copied from Excel document and paste in the provided input field
- Select a valid Equipment group (only one can be selected per application)
- Enter Car Mark after rebuilt (if applicable)
- > Rule 88 process will verify the given Car IDs against Umler
 - Displays all the valid and invalid cars on the page
 - > The invalid cars WILL NOT be part of the application
- Cars in errors can be viewed on Unit Details page.





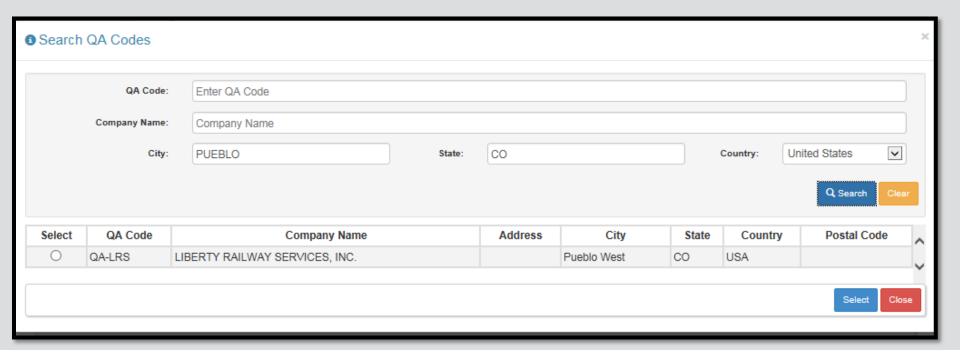


> Example of cars with errors



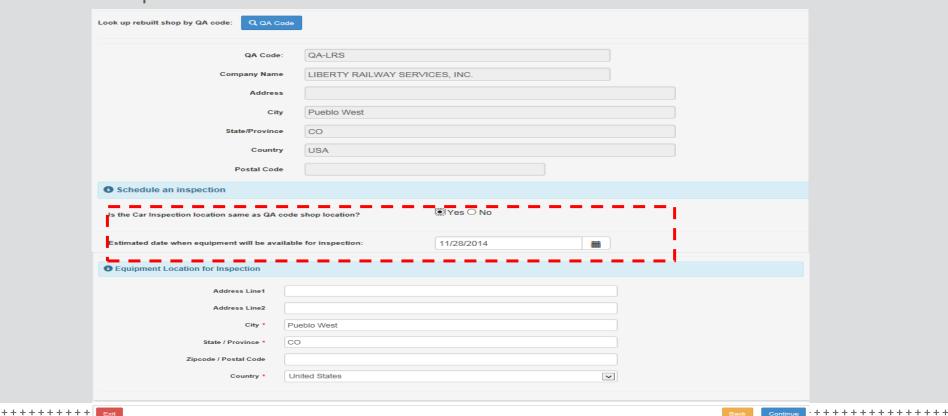


- Entering QA Code details
 - Search for rebuilt shop by QA Code
 - Only the certified Rebuilt shops where rail freight cars can be rebuilt with valid B26 commodity code will be displayed
 - > Select the correct QA code from the search results





- Schedule MID Inspection
 - Provide an estimated date and address for Inspection
 - MID inspector will be notified and will contact the car owner to schedule the inspection



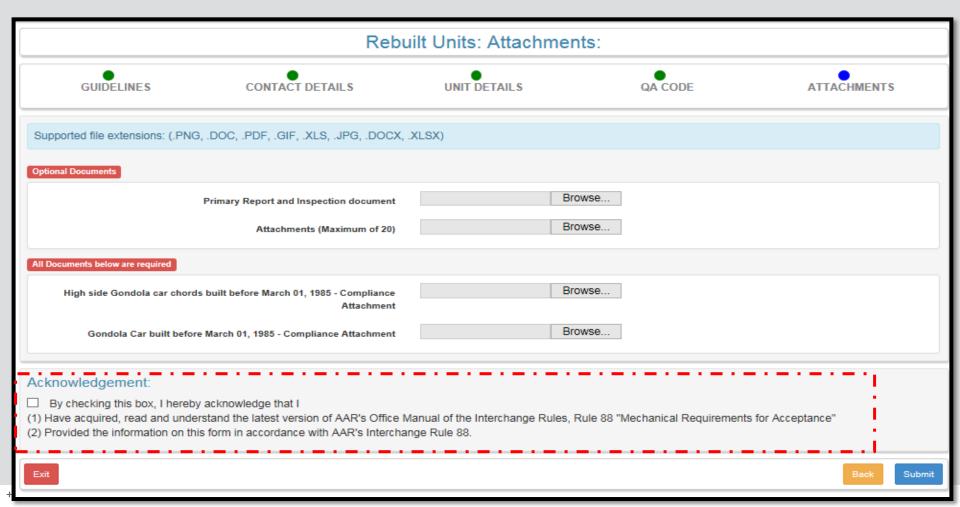


- Attaching Documents
 - ➤ The applicant can attach up to 20 documents including Primary Report and Inspection document.
- Documents required for Rebuilt Application
 - > The Compliance Document for non-tank cars
 - ✓ Gondola Car built before March 01, 1985
 - ✓ High side Gondola car chords built before March 01, 1985
 - ✓ Box Car built before October 01, 1976
 - ✓ Open Top Hopper car built before March 01, 1985
- Documents required for Tank Cars
 - ✓ Certificate of Construction (AAR Form 4-2)
 - ✓ Exhibit R-1
 - ✓ Drawings of General Arrangement(s)
 - ✓ Drawings of Tank Arrangement
 - ✓ Drawings of Fitting Arrangement(s)



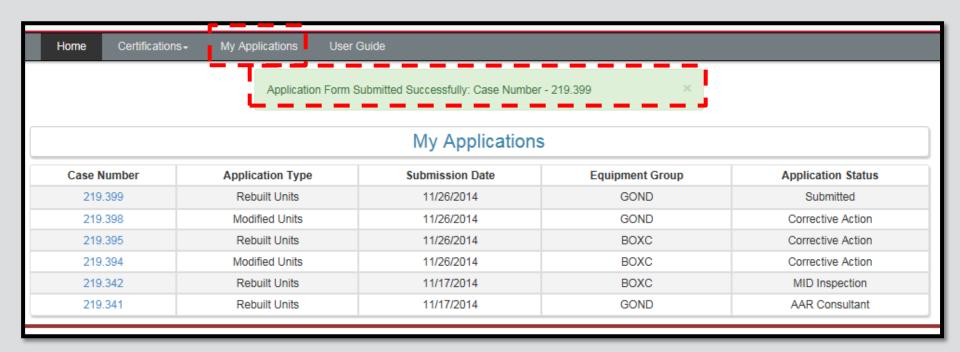
Attaching Documentation

Upload required documents per AAR Interchange Rule 88





- Case number is generated upon successful submission
- Applications can be viewed under "My Applications"
- No further changes can be made in "Submitted" Application Status
- When communicating with AAR, please provide your Case Number





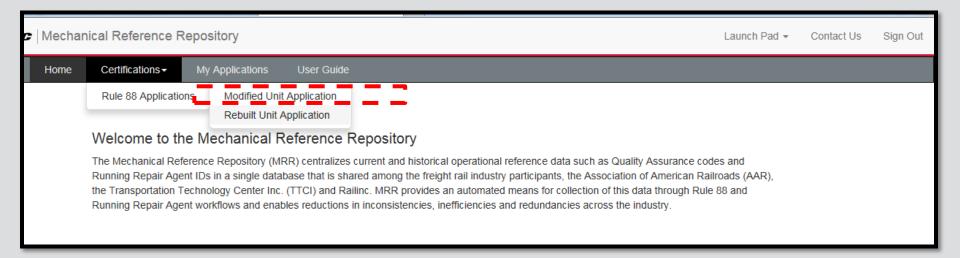
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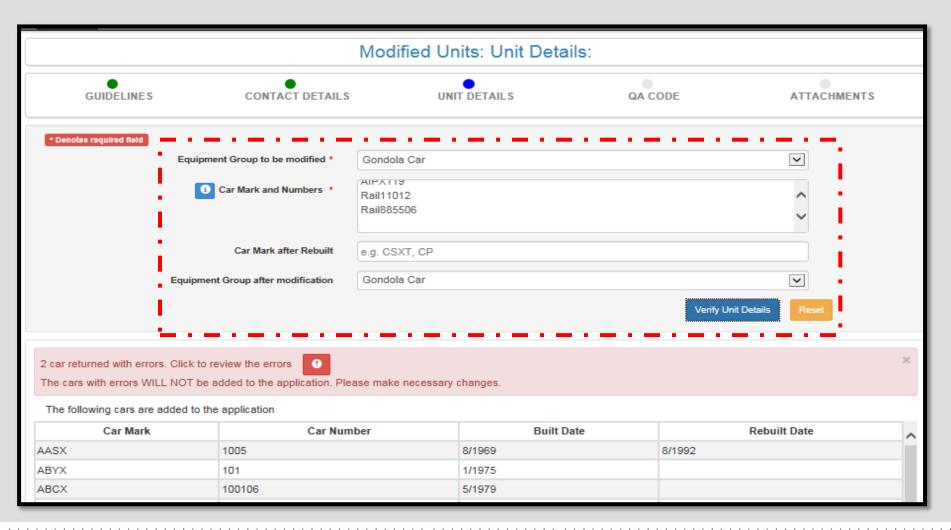
Applying for Modified Unit(s)

> Select "Modified Unit Application" from the "Certifications" menu item





Applying for Modified Unit(s)





Applying for Modified Unit(s)

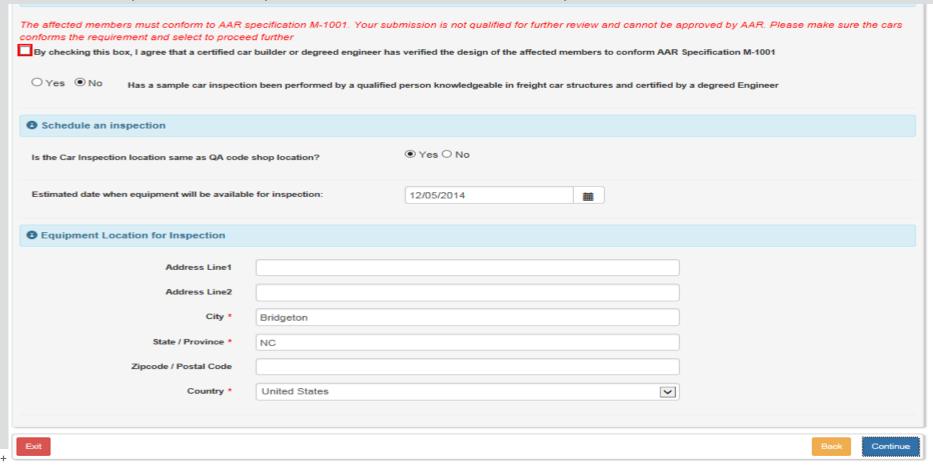
Select applicable Modification details of units of interchange Service

Modified Units: QA Code Details:				
GUIDELINES	CONTACT DETAILS	UNIT DETAILS	QA CODE	ATTACHMENTS
Units for interchange service, if modified to include any of the changes listed below, must have all structural members subject to increased stresses conforming to AAR Specification M-1001 Specifications for Design, Fabrication and Construction of Freight Cars				
Select applicable modification details of Units for Interchange Service.				
☐ Changing in Length of Body/ platform or under frame of unit				
☐ Increasing inside height of unit				
☐ Increasing width of side door opening				
☐ Increasing number of side doors				
☐ Increase in Gross Rail Load				
☐ Increasing forklift truck wheel load				
☐ Changing structure of unit where such a change affects load distribution, subjecting major structural members of the unit to an increased loading. (Includes bulkheads, permanent side load restraints, internal bracing, and center beam arrangements.)				
All modified units must be modified	d in a facility that has a Quality Assura	ance Certification as required in AAR	Specification M-1003.	
Look up modified shop by QA code: Q QA Code				



Applying for Modified Unit(s)

- Schedule MID Inspection
 - ✓ Applicant is required to have the sample car Inspection complete OR -
 - ✓ Request for MID inspection with date and address for inspection





Applying for Modified Unit(s)

Attaching Documents

Applicant can submit the following documents

The applicant can attach up to 20 optional documents including

- ✓ Stress Analysis
- ✓ Spring and Truck Analysis
- ✓ Brake Analysis
- √ Brake Test
- √ Loading Issues

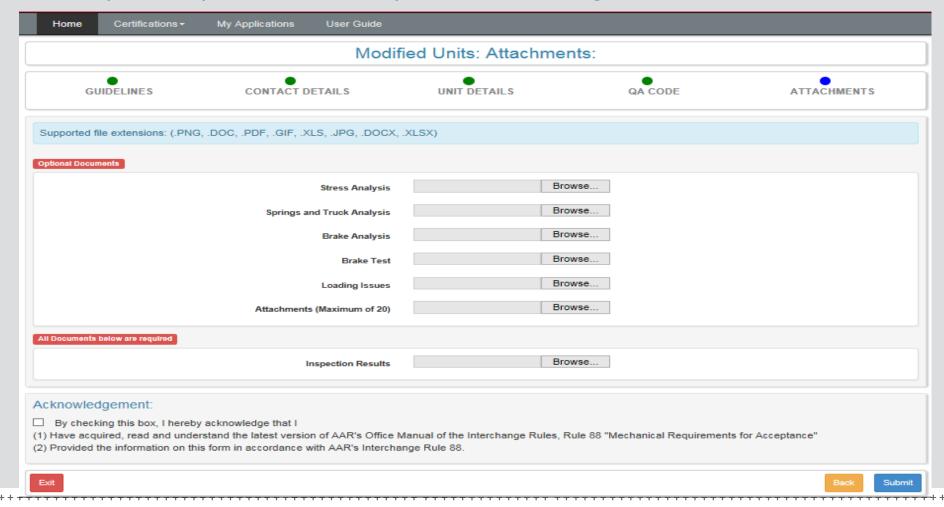
Documents required for Tank Cars

- ✓ Certificate of Construction (AAR Form 4-2)
- ✓ Exhibit R-1
- ✓ Drawings of General Arrangement(s)
- ✓ Drawings of Tank Arrangement
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Attaching Documents

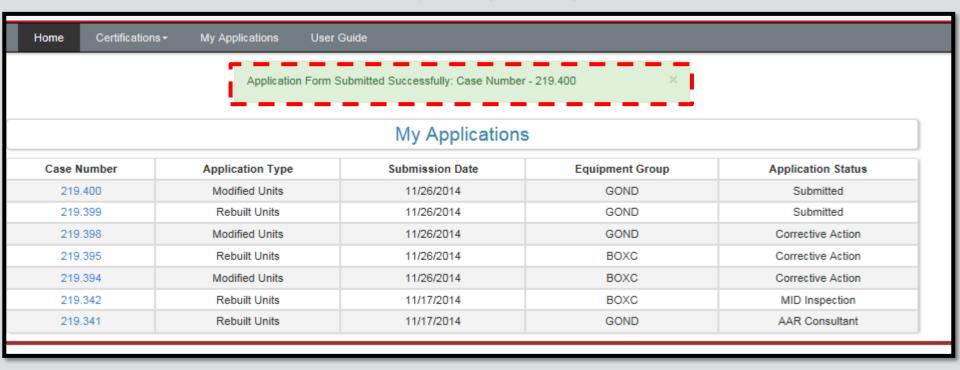
Upload required documents per AAR Interchange Rule 88





Applying for Modified Unit(s)

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Application Statuses

- ❖ After the EEC Manager reviews the application, they will select from one of the following statuses
 - ➤ TCC Review: When this status is set, the Tank Car Committee will review the given application and provide the results to EEC Manager.
 - ➤ AAR Review: When this status is set, the AAR consultant will review the given application and provide the results to EEC Manager.
 - ➤ MID Inspection: When this status is set, the Mechanical Inspection Department will schedule an inspection with the applicant. The results will be provided back to the EEC Manager.
 - Corrective Action Required: This status allows the applicant to update their application per the EEC Manager's request and resubmit it.
 - Approved: When this status is set, the system will generate an approval letter and notify the Car owner and EEC Manager via email
 - Denied: When this status is set, the applicant will be contacted by EEC Manager and the AAR



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Email Notifications

EEC Manager Notification

- When the application is set to "Submitted", "Resubmitted" or "Approved"
- The approval notification will include the Approval letter

Applicant notifications

- When the EEC Manager selects "Corrective Action Required" or "Approved"
- > The approval notification will include the Approval letter

AAR Consultant Notification

When the application is set to 'AAR Review'

* TCC Manager Notification

When the application is set to 'TCC Review'

MID Inspector Notification

When the application is set to 'MID Inspection'



Contacting Railinc

Railinc Customer Service

csc@railinc.com
1-877-RAILINC (1-877-724-5462)

7001 Weston Parkway, Suite 200 Cary, NC 27513



Questions and comments



Thanks for attending!

