

Introduction to TCID: Tank Car Integrated Database

Presented by: Chase Lindamood Product Support Specialist I

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General Announcements



- Webinar Reminders
 - Attendees will be muted to reduce background noise.
 - Submit any questions you have via the Q&A box.
 - The presentation is expected to last 30 minutes.
- Please complete the short survey at the end of presentation.



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Webinar Agenda



- TCID Set Up
 - SSO User Roles and Permissions
 - User and Company Set Up
- TCID Application
 - Inspections
 - Batch Upload
 - Help & Documentation

Tank Car Integrated Database



- The Tank Car Integrated Database (TCID) is an application that hosts tank car inspection results, repairs and modifications for tank car owners to comply with all AAR Tank Car Committee reporting requirements
 - It was designed to consolidate the information on the AAR forms R-1, R-2, and Stub Sill inspections
 - TCID provides users the ability to create a new inspection, implement a batch upload, delete, edit, submit, or download an open inspection
 - It also uses inspection templates to accurately report cracks found in the Stub Sill attachment welds
 - TCID also allows users to run reports for their company

TCID User and Company Set Up



User SSO Roles

TCID AAR Member

- Tank Car Inspection AAR Member that can access web application across all company marks
- This permission allows the user to view all submitted data, regardless of company or facility submission, but does not allow inputting data
- This role is only for internal Railinc and AAR use

TCID Company Administrator

- This role is responsible for granting permissions
 - Company specific administrator granting users access to the web application on behalf of their company
- This permission does not allow the user to input or view any data
- This permission is typically included with Tank Car Owner Delegate permissions

TCID Owner Delegate

- Company specific Car Owner or Delegate user to access web application
- This permission allows the user to input data and view all their company submissions

TCID Facility User

- Facility specific user to access the web application.
- This permission allows the user to input data and view their own submissions

Launch Pad





Home

My Applications

FindUs.Rail

Single Sign On System



Home Screen



Tank Car Integrated Database

Manage information on tank cars, specifically, inspection results, repairs and modifications. Car owners can use submissions to this system to comply with AAR Tank Car Committee requirements to report such information.

The system allows:

(a) AAR to monitor the tank car fleet for emerging problems

(b) Car owners to comply with 49 CFR Part 180 requirements to monitor their fleets' conditions and modify inspection programs accordingly

(c) Car owners to transfer car inspection history to buyers when selling cars



Help

?



Home

- Logging in
- Access to multiple companies with a Single SSO ID

User Mark Selection

Calart a Mark		
AARX		
KLRX		
RAIL		

Inspections >

- New Inspections
- View Inspections
- Batch Upload

R	AILING	Tank Car Integrated Database	TCIDWEB : AARX	Launch Pad 🗸	Sign Out
Home	Inspections 🗸	Reports Help			
Mana Car ov require	New Inspection View Inspections Batch Upload WNETS CAN ements to	Tank Car Integrated Databas tank cars, specifically, inspection result use submissions to this system to comply with report such information.	<mark>se</mark> s, repairs and AAR Tank Ca	modificatio ar Committe	ons. ^음 락 ee

The system allows:

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(b) Car owners to comply with 49 CFR Part 180 requirements to monitor their fleets' conditions

and modify inspection programs accordingly

(c) Car owners to transfer car inspection history to buyers when selling cars

RAILINC

Inspections > New Inspection

- Enter Required Fields
 - Selecting the Next button validates data

Create Inspection

M-1002 Reg

 If all data is valid the bottom three sections become visible

ort of Alterations, Conversions, Wel	lded Repairs, and Stub Sill Inspections			* denotes a required
Inspection/Report Type	*	ation Conversion Welded Repair Other		Next
* Equipment Initial		Equipment Number		
Station Stencil *	Select one	Stencil Class *	Select one	
Shop Location (City) *		Shop Location (State) *	Select One	
Built Date *	*	Inspection Date *		
Car Jacketed	Select one	Reserved 1 (design specific)		
Reserved 2 (design specific)		Original AAR Cert. of Construction No.		
Builder *	Select one	Stub Sill Design (as inspected) *	Select one	
Stub Sill Design Variation *	Select one	Miles (actual cumulative miles in thousands of miles) st		
Constructed Car Spec. *	Select one	Car Spec. After Modification	Select one	
Nature of Damage *	Select one	Railroad Responsibility *	Select one	
Stub Sill Deformation	A End B End	* Year of Last Tank Qualification	Select one	
Tank Containment Failure	Select one	No. of Compartments	Select one	
Facility Rep. Name		Submitted By		



Inspections >

New Inspection

Station Stencil

 Selecting the Station Stencil field provides a listing of all registered station stencil codes



Create Inspection

M-1002 Repo

Inspections > New Inspection

- Enter required fields
 - Selecting the Next button validates data
 - If all data is valid the bottom 3 sections become visible

* denotes a required field			ded Repairs, and Stub Sill Inspections	rt of Alterations, Conversions, We
Next >		ation 🗌 Conversion 💋 Welded Repair 📋 Other	* Tank Qualification Stub Sill Inspection Alter	Inspection/Report Type
	000008880	Equipment Number *	AARX	Equipment Initial *
•	103ALW ~	Stencil Class *	AAST	Station Stencil *
•	North Carolina 🗸	Shop Location (State) *	Cary	Shop Location (City) *
	10/01/2023	Inspection Date *	01/05/1999	Built Date *
		Reserved 1 (design specific)	Yes 🗸	Car Jacketed *
	ABC123	Original AAR Cert. of Construction No. *		Reserved 2 (design specific)
•	CNC002 ~	Stub Sill Design (as inspected) $^{ m *}$	TETX - TexanaTank	Builder *
	10	Miles (actual cumulative miles in thousands of miles) st	N/A 🗸	Stub Sill Design Variation *
•	105A100ALW ~	Car Spec. After Modification	105A100ALW ~	Constructed Car Spec. *
~	No	Railroad Responsibility *	N/A 🗸	Nature of Damage *
~	2018 🗸	Year of Last Tank Qualification *	AEnd 🗌 BEnd	Stub Sill Deformation
•	1 ~	No. of Compartments *	No 🗸	Tank Containment Failure
		• · · · · · *		
	Webinar	Submitted By	TCID	Facility Rep. Name

Next >

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- 3 Sections
 - Drawing Inspection
 - Weld Inspection
 - Shell/Sill Damage
- Actions Available
 - Save Inspection
 - Submit Inspection

* Nature of Damage	N/A		~				Railroad Responsibility *	No		~		
Stub Sill Deformation	🗹 AEnd 🗌 BEr	nd				Year o	of Last Tank Qualification *	2018		~		
Tank Containment Failure	No		~				No. of Compartments *	1		~		
+ Add Drawing Inspection												
Alterations and Conversions	Compartment No.		Change Category	у	Drawing No.		AAR Approval Reference No.		с	Comment	Actions	
	No drawings found											
+ Add Weld Inspection												
Weld Inspection Results	Compartment No.	Inspection Results	Weld Weld Code Locati	Inspection Technique	No. of Defects	Max Defect Length (in.)	Defect Orientation Code 1	Defect Orientat Code 2	ion Defect Code 3	Orientation How (Wel	Repaired d) Action	ons
	No Inspection Found	i										
+ Add Shell/Sill Damage												
Shell/Sill Inspection Results	Compartment No.	Failed Compon	ent Failure	e Type Failure Cau	se How Repa	ired (Shell)	Defect Length (in.)	Defect Area	Repair Location	Inspection Me	thod Actions	5
	No Inspection Found	1										
Facility Rep. Name *	TCID						Submitted By *	Webinar				



Submit Inspe

Close Save Inspection

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Inspections > New Inspection

- 3 sections
 - Drawing Inspection
 - Weld Inspection
 - Shell/Sill Damage
- Actions available
 - Save Inspection
 - Submit Inspection

Add Shell/Si	ll Dama	ige		3	<		Add Shell/S	Sill Dama	ge			
Failed * Component	Select o	ne	~				Failed * Component	Tank She	II Interior		~	
Compartment * No.	Select C)ne	~				* Compartment No.	1			~	
Failure Type *	Select o	ne	~				Failure Type *	Blister			~	
Failure Cause *	Select o	ne	~				Failure Cause *	Corrosion	1		~	
How Repaired *	Select o	ne	*				* How Repaired	Grinding a	and Blend	ling with no	~	
Defect Length * (inches)	Zero '0' i	ndicates an o	omitted val				* Defect Length (inches)	5				
Defect Area *	Zero '0' i	ndicates an o	omitted val				Defect Area *	5				
Repair Location *	Select o	ne	~				* Repair Location	B End			~	
Inspection * Technique	Select o	ne	~				Inspection * Technique	[OT] Othe	P		~	
			Sav	cancel							Save	Cancel
+ Add Shell/Sill Damage												
Shell/Sill Insp	ection Results	Compartment No.	Failed Component	Failure Type	Failure Cause	How Repaired	i (Shell)	Defect Length (in.)	Defect Area	Repair Location	Inspection	Method

Corrosion

Grinding and Blending with no Weld Buildup

Tank Shell Interior



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[AE] Acoustical Emission

A End

Inspections >

- **New Inspection**
 - Save Inspection
 - Submit Inspection

dit Inspection														
1002 Report of Alterations, Conversions, We	Ided Repairs, and	8tub 8111 Inspection	s											 denotes a required field
InspectionReport type	Tierk Qualific	calion 📄 Stub Sill Insp	ection 🗌	Aliendion [Conversion 🗌 V	Welched Phepeir 🔽 C	Other							
Equipment Initial	AARX							upment Number	00000	06658				
Station Stanol	AAST			~				Stenal Class	103AA	NLW		~		
Shop Location (City)	Cary						Sho	p Location (State)	North	Carolina		~		
Built Date	02/28/1986		[#				Inspection Date	08/28/	2023		#		
Car Jackahad	Yes			~			Revenued 1	(devign specific)						
Reverved 2 (design specific)					Original AAR Cart. of Construction No.				AVF12	223				
Builder *	FCA - Freighto	CarAmerica		v	Stub Sill Design (as impected)				AMFJ	KL		~		
Stub Sill Design Version	Continuous			~	Miles (schal cumulative miles in thousands of miles)				10					
Constructed Car Spec.	105A200ALW	A200ALW ~					Car Spec.	Atter Modification	Select	tone		~		
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	No drawings found													
Weld Inspection Results	Compertment	Inspection W	Md	Weld	Inspection	No. of	Max Defect	Detect Onerfai	ion Di	elect Onenfation	Detect Orientation	How Repairs	d	
	No.	Hesulta C	ode	Location	Technique	Detecta	Langth (m.)	Code 1	Ci	oche Z	Code 3	(Weld)	Actions	
+ Add Shell/SIII Damage														
Shel/Sill Inspection Results	Compartment No.	heled Component	Fail	ure type	Parlure Cause	How Repaired (She	an)	Detect Le	ngth (m.)	Detect Area	Heper Location	Inspection Metho	d Actone	
	1	Tark Shel Interior	Вы	ler -	Corrosion	Grinding and Brendr	ing with no Weld Buildup	5		5	B End	(OT) Other	/ x	
Funding (Ann. Marrier,	TOD							Submitted No.	WERN	NAR				
a musing steps teams	TOD							Contract Of	WEBI	7.00				



Inspections >

- New Inspection
 - Save Inspection
 - Submit Inspection





Inspections > **View Inspections**

View Inspections page



Home

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Batch Upload

mmittee requirements to

Inspections									
EIN	Equip Initial	Equip Number	Builder	Built Date	Inspection Date	Modified Date	Status	Actions	Report
τ	T	T	T	τ	τ	T	T		
0010763369	RAIL	0000202515	ACFX	09/01/2015	12/02/2020	04/02/2025 02:49:25 PM	Re-open	Edit Delete	
0010752820	RAIL	0000202411	NSC	12/03/2024	12/05/2024	02/06/2025 10:55:02 AM	Re-open	Edit Delete	
0010763369	RAIL	0000202515	ACFX	09/01/2015	12/02/2020	03/20/2025 03:34:30 PM	Submitted	View Unsubmit	∠ ∠
0010761354	RAIL	0000282115	GUND	03/03/2025	03/04/2025	03/05/2025 09:47:55 AM	Submitted	View Unsubmit	B
0010575555	RAIL	0000011348	CURR	01/15/2025	01/16/2025	02/12/2025 10:15:54 AM	Submitted	View Unsubmit	风
View Inspection	ons page wher	e 'Builder' is filt	ered by 'ACF	Χ'					L

Inspections

EIN	Equip Initial	Equip Number	Builder 🔻	Built Date	Inspection Date	Modified Date	Status	Actions	Report
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0010763369	RAIL	0000202515	ACFX		12/02/2020	04/02/2025 02:49:25 PM	Re-open	Edit Delete	\implies \square
0010763369	RAIL	0000202515	ACFX	Contains •	12/02/2020	03/20/2025 03:34:30 PM	Submitted	View Unsubmit	A
0010575555	RAIL	0000011348	ACFX	Filter	12/02/2020	09/18/2024 01:48:41 PM	Submitted	View Unsubmit	ß

Inspections >

View Inspections

- Edit/Delete Inspection
- Add Drawings



1002 Report of Alterations, Conversions, We	elded Repairs, and	Stub SIII Inspec	dions												* denoise a requi
InspectionReport type	 Tank Qualif 	faation 🗌 Stub Si	Inspection (Alandon	Conversion 🗌 Web	decl Repeir 🗹 C	Utwir								
Equipment Initial	AARX							Equipment Number	000006658						
Station Stancel	AAST			~				Sherical Chase	103AALW			~			
Shop Location (City)	Cary							Shop Location (State)	North Carolina	1		v			
Built Date *	02/27/1986			#				Inspection Date	08/27/2023			#			
Car Jacksted	Yes			~			Reserve	ed 1 (dewgn specific)							
Neverved 2 (dwrpn specific)							Original AAH Car	of Construction No.	AVF1223						
Builder ⁴	FCA - Freight	CarAmerica		v			Stub Sill	Jeargn (as inspected)	AMFJKL			v			
Stub Sill Design Venetion	Continuous			~		Miles (actual o	umulative miles :	thousands of miles)	10						
Constructed Car Spec.	105A200AUW						Car Sc	ec. After Modification	Selectione						
Nature of Damage	Accident							inced Hexponeibility	Vac			-			
Much Yoll Dahrenwiren	Abid Z Bb	A End Z B End			Value of Land Tank Dankbardow				2007						
	16-2				No of Consultants					1 v					
	Teo			Ŷ					1			Ŷ			
EIN	0010413982							Senciled Mark Owner	AARX						
+ Add Drawing Inspection															
Alterations and Conversions	Compartment No.		Change	Calegory	U	nwing No.		NK Approval Reference N	.		Comment		Actions		
	No drawings found														
+ Add Weld Inspection Weld Inspection Results	Connectment	Instantion	Viberi	Vibian	Instantos	No. et	Nex Delect	Dataset Characteris	un Dabart Creat	takon .	Debut Crandston	How I			
	No.	Heaulta	Code	Location	Technique	Defects	Length (m.)	Code 1	Code 2		Code 3	(Wwid)		Actions	
	No Inspection Found	1													
+ Add Shell/Sill Damage															
Shell'Sill Inspection Results	Compartment No.	Failed Com	ponent	Failure type	Failure Cause	How Heps	red (Shell)	Detect Length (m)	Defect Area	Hepart	Location In	pection Neth	od Ac	bone	
	No Inspection Found	1													
Facility Rep. Name	TCID							Submitted By	WEBINAR						

The second second

Close Delete Save Inspect



Common Questions

Q: I am a Repair Shop. What access do I need to submit an inspection on behalf of my customer?

A: The TCID Company Admin may grant the Shop the role of TCID Facility User under the Car Owner Mark. This will allow the shop to submit an inspection on their behalf. This role will only allow the Shop to see the inspections they have submitted for that Mark. They will not be able to see any other inspections for that same mark.



Common Questions

Q: Does Railinc have any rules that follow entry submissions into TCID by a 3rd party?

A: No, there are no rules around the entry for the "submitted by name" field. However, when transcribing a New Inspection Form for a shop into TCID, the 'submitted by name' must be the name that is listed on the paper form or the name of the submitter that is manually transcribing the paper form into the electronic portal. In general, the intention of TCID is to be a digital copy of the paper form, so when in doubt the customer should be entering what is on the paper form.

Inspections >

Batch Upload

- Reduces time by allowing multiple inspections at once
- Validates certain fields against Umler equipment data
- Must be in .CSV Format
- File size must be less than 1MB



Tank Car Integrated Database

Depending on user access, Tank Car Integrated Database provides the ability to create a new inspection, implement a batch import, and delete, edit, submit, or download an open inspection. It was designed to consolidate the information on the AAR forms R-1, R-2, and stubsill inspections. Data Analysts can input data and run reports for their group.

Tank Car Integrated Database uses inspection templates to accurately report cracks found in the stubsill attachment welds.

- 业 More On This Page:
- Tank Car Templates
- TCID Frequently Asked Questions

TCID Notice of Implementation

Related Support Documents

TCID User Guide

Access SSO and Railinc Applications

TCID Data Specification Manua

AAR Form TCID

TCID Data Dependencies Matrix and Appendices

Sill Design Template Mapping

Tank Car Location Chart

TCID Batch File Example



Inspections >

Batch Upload

- TCID Data Specification Manual
- The types of fields are described in the Data Rules column:
- Required
- Optional
- Conditional



	Batch Field Name	Interface Field Name	Description	Data Rules
1	INSP_INDICATOR		This field allows you to bulk add or bulk delete inspections via CSV upload.	A or blank = Add D = Delete
2	INSP_ID		Unique inspection ID, assigned by submitting party for each event, for batch upload files only	(•) Alpha-Numeric, 12 characters max
3	INSPREASON	Inspection/Report Type	Reason for Inspection	 (•) Numeric, 2 digit max from 1 to 63 corresponding to the bitwise or one of these six options. When two reasons are applicable, enter the total value (e.g., Conversion and Alteration value [1+2] is 3): Conversion: 1 Alteration: 2 Stub Sill Inspection: 4 Tank Qualification: 8 Other: 16 Welded Repair: 32 Select appropriate checkbox(es) for this field.
4	CARMARK	Equipment Initial	The reporting mark stenciled on the car	(•) Alpha-Numeric, 4 characters max; If an additional mark is needed, contact the company administrator. See App C for details.
5	CARNUM	Equipment Number	The equipment number stenciled on the car	(•) Numeric, 6 digit max
6	CLASS	Stencil Class	Current car specification, as stenciled, prior to any R1 modifications	(•) Alpha-Numeric, 11 characters max; Select entry for this field from a drop-down list. See App A for details.
7	SHOPCOMP	Station Stencil	Station stencil of inspecting company or facility	 (•) Alpha-Numeric, 7 characters max; Select entry for this field from a drop-down list. See App P for details.

Inspections >

Batch Upload

- Batch Field Name must be included in the first row of all batch file submissions
- Must be in .CSV Format
- File size must be less than 1MB



Tank Car Integrated Database





Inspections > Batch Upload

- Click Batch Upload
- Click Browse to choose
 a file
- Click Upload File to submit file to TCID





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Inspections > Batch Upload

- File upload status
 - Blue = In Progress
 - Green = Success

 'TCID_Batch_Upload_Example_AAR
 X6658_TEST--06262023.csv' uploaded successfully.

Uploading 'TCID_Batch_Upload_Example_AAR X6658 TEST--06262023.csv'

1



Batch Upload >

TCID Batch File Submission Report

Accepted – Submitted

Submission Details

- File Name
- Date Submitted

Inspections

- Total = Total Submitted
- Accepted = Total Accepted
- Rejected = Total Rejected



TCID Batch File Submission Report: TCID Batch Upload Example AARX6658 TEST--06262023.csv



NoReply@railinc.com To Caulfield, Terry

TCID Batch File Submission Report FileName: TCID_Batch_Upload_Example_AARX6658_TEST--06262023.csv Date Submitted: 2023-10-20 11:40:53

Inspections: Total = 1, Added = 1, Deleted = 0, Rejected = 0.

Below errors/warnings were found within the file:

Inspection ID : 1007750 Field Name : Builder [BUILDER] Field Value: UTLX Error Type : WARNING Error Msg : BUILDER Value does not match Umler Value : TRIN <

Batch Upload >

TCID Batch File Submission Report

Rejected – Not Submitted

Submission Details

- File Name
- Date Submitted

Inspections

- <u>Total</u> = Total Submitted
- <u>Accepted</u> = Total Accepted
- <u>Rejected</u> = Total Rejected

Error Details

- Field Name: Listed in TCID & File
- Field Value: Data Submitted
- Error Type: Error (reject)
- Error Message: Description

TCID Batch File Submission Report: TCID_Batch_Upload_Example_AARX898989_TEST--06262023.csv

NoReply@railinc.com To Caulfield, Terry Retention Policy Inbox - Delete older than 90 days (90 days) InspectionError.csv 1 KB 💙

TCID Batch File Submission Report FileName: TCID_Batch_Upload_Example_AARX898989_TEST--06262023.csv Date Submitted: 2023-09-21 15:08:27

Inspections: Total = 1, Added = 0, Deleted = 0, Rejected = 1.

Below errors/warnings were found within the file:

Inspection ID : 1007750

Field Name : Stub Sill Deformation (A End) [STUBSILLDEFA]

Field Value: NULL

Error Type : WARNING Error Msg : Value was not a non-decimal number

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Inspection ID : 1007750
```

- Field Name : Stub Sill Deformation (B End) [STUBSILLDEFB]
- Field Value: NULL

Error Type : WARNING

Error Msg : Value was not a non-decimal number

Inspection ID : 1007750

Field Name : Equipment Initial Number [CARMARK] [CARNUM]

Field Value: AARX0000898989 Error Type : ERROR

Error Msg : Invalid Equipment Initial or Equipment Number provided.

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FTP Set Up, FindUs.Rail (FUR)



• FTP set up

- Contact Railinc CSC for FTP mailbox set up
- Companies with an existing mailbox can add TCID subscription to their current setup
- Companies without an existing mailbox will need to contact the Railinc Customer Success team for assistance with creating one

• FindUs.Rail (FUR)

- Contact details must be added to receive email notifications on FTP submissions
- Users with FUR access may update their contact record include the TCID category

Reports >

• Inspection Detail

Reports

- Inspection Summary
- Service History by Company

Report Name	Report Description	User Input	Run
Inspection Detail	All inspection information on a single piece of Equipment, Equipment Range, or Date Range can be requested.	C Equipment Initial	ß
	Equipment specific inspections can be requested singularly or via comma separation or a range indicated by a dash.	Equipment Number	x
	Example: Equipment Numbers 1,5,10-12 would return all inspections for Equipment Numbers 1, 5,10, 11, 12.		
	Equipment IDs can be pasted as a list to search for inspections across multiple Equipment Initials and/or ranges.	AARX6658, RAIL11348, GATX3343	
	Example: ABCD1234, TEST1234, WXYZ1234, RAIL1234-1500		
	All inspection information on a Date Range can be requested.	EIN	
	Date Range can be a single day (MM/DD/YYYY) or a range (MM/DD/YYYY-MM/DD/YYYY)	Inspection Date (Day or Pange)	
	Note: Date Range inspection requests do not require Equipment Numbers.	Inspection Date (Day of Kange)	
Inspection Summary	Summary of all inspections associated with your company.		ß
Service History by Company	This report will create a CSV file of all inspections for the associated company.		Ð
	Note: Report will be emailed once it has been generated.		E.





Reports >

Inspection Detail

• PDF

• Excel



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TCID Tank Car Inspection Detail: AARX000006658

Report of Alterations, Conversions, Welded Repairs, and Stub Sill Inspections

Date of Entry: 09/21/2023	
Equip. Initial/No.: AARX0000006658	Station Stencil: UTCO
Stencil Class: 112J340W	Shop Location: AARX, TX
Built Date: 11/01/1999	Inspection Date: 08/01/2022
Car Jacketed: 0	Reserved 1 (design specific):
Reserved 2 (design specific):	Original AAR Cert. No.: F997064
Builder: UTLX	Stub Sill Design (as inspected): UTLZBH
Stub Sill Design Variation: CONTINUOUS	Miles (x1000): 0
Constructed Car Spec.: 112J340W	Car Spec. After Mod.: 112J340W
Inspect./Report Type: Alteration	Nature of Damage: N/A
Railroad Responsibility: 0	Stub Sill Deformation (A End): 0
Stub Sill Deformation (B End): 0	Last Tank Qual Year: 2009
Tank Contain. Failure: 0	No. of Compartments: 1
Facility Rep. Name: TROY GAWD	Submitted By: UNION TANK CAR COMPANY
EIN: 0010413982	Stencil Mark AARX

Alterations and Conversions

Compartme	nt No.	Change Category	Drawing Number	AAR Approval Ref. No.	Drawing Comments
1		Top Fitting Model	KR-TFA-2001- 056	501302	ANGLE VALVES MIDLAND, A720, SER #S FA- 843-RA,3V-593-RA,FA-841-RA

Weld Inspection Results

Inspection Results	Compartment No. (weld)	Weld Code	Weld Location	Inspection Technique	No. of Defects	Max Defect Length	Defect Orientation Code 1	Defect Orientation Code 2	Defect Orientation Code 3	How Repaired (weld)
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Shell/Sill Inspection Results

Failed Component	Compartment No. (shell)	Failure Type	Failure Cause	How Repaired (shell)	Defect Length (in)	Defect Area	Repair Location	Inspection Method
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	Α	В	С	D	E	F	G	Н	I	J	К	L	М	Ν	
1	APPROVAL_REFERENCE	BUILDER	BUILTDATE	CARMARK	CARNUM	CHANGE_CATEGORY	CLASS	COMPARTMENT_NO_CHANGE	COMPARTMENT_NO_SHELL	COMPARTMENT_NO_WELD	COMPONENT	CONSTRCARSPEC	DAMAGETYPE	DEFECT_AREA	Ē
2	501302	UTLX	19991101	AARX	6658	Top Fitting Model	112J340W	1				112J340W	N/A		
3															

Reports >

- Inspection Summary
 - All submitted inspections
 - Owner Delegate can view all company inspections
 - Facility can only view their inspections

Reports

Report Name	Report Description	User Input	Run
Inspection Detail	All inspection information on a single piece of Equipment, Equipment Range, or Date Range can be requested.	Equipment Initial	ß
	Equipment specific inspections can be requested singularly or via comma separation or a range indicated by a	Equipment Number	x
	dash. Example: Equipment Numbers 1,5,10-12 would return all inspections for Equipment Numbers 1, 5,10, 11, 12.	Inspection Date (Day or Ra	
	All inspection information on a Date Range can be requested. Date Range can be a single day (MM/DD/YYYY) or a range (MM/DD/YYYY-MM/DD/YYYY) Note: Date Range inspection requests do not require Equipment Numbers.		
Inspection Summary	Summary of all inspections associated with your company.		ß







Reports >

- Inspection Summary
 - PDF download

RAILINC

TCID Inspections Summary: AARX

Equip Initial	Equip No.	Submitted By	Last Modified	Inspection Status
AARX	0000006658	TCIDWEB	10/23/2023	Submitted
AARX	0000006658	TCIDWEB	10/20/2023	Submitted
AARX	0000008880	TCIDWEB	10/06/2023	Submitted

Reports >

- Service History by Company
 - All submitted inspections
 - Owner Delegates can view all company inspections
 - Facility Users can only view their inspections



Reports

Report Name	Report Description	User Input	Run
Inspection Detail	All inspection information on a single piece of Equipment, Equipment Range, or Date Range can be requested. Equipment specific inspections can be requested singularly or via comma separation or a range indicated by a dash. Example: Equipment Numbers 1,5,10-12 would return all inspections for Equipment Numbers 1, 5,10, 11, 12. All inspection information on a Date Range can be requested. Date Range can be a single day (MM/DD/YYYY) or a range (MM/DD/YYYY-MM/DD/YYYY) Note: Date Range inspection requests do not require Equipment Numbers.	Equipment Initial Equipment Number Inspection Date (Day or Range)	X
Inspection Summary	Summary of all inspections associated with your company.		ß
Service History by Company	This report will create a CSV file of all inspections for the associated company.	\Longrightarrow	x





Reports >

Service History by Company

	А	В	С	D	Е	F	G	н	I.	J	К	L	М	N O	Р	Q	R	S	Т	U	V	W	Х	Υ	Z	AA	AB	AC	
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3	50130	2 UTLX	19991101	ARX	6658	Top Fittin	112J340W	1 1				112J340W	N/A					ANGLE VA	KR-TFA-20	01-056			2	0220801				2	1
4		TETX	19990102	ARX	8880		103ALW			1		105A100A	N/A		WFF	WFF	WFF						Grinding a 2	0230928		Defect(s)	[AE] Acou	32	
5																													



Reminders

- Batch Upload
 - The file must be in a .CSV format with a file size less than 1MB
 - Files with Warnings will be Accepted
- Reports
 - Tank Car Inspection Owner Delegate can run reports and see inspections for that company
 - Facility User can only see the data they have submitted and run reports only on that data

RAILINC

• Help



	BAILINC Tank Car Integrated Database	BSCXL01 : RAIL Launch Pad ▼ Sign Out
	Home Inspections - Reports Help	
	Tank Car Integrated Database Manage information on tank cars, specifically, inspection results, repairs and modification to comply with AAR Tank Car Committee requirements to report such information.	ns. Car owners can use submissions to this system
nd tips.	The system allows: (a) AAR to monitor the tank car fleet for emerging problems (b) Car owners to comply with 49 CFR Part 180 requirements to monitor their fleets' cond (c) Car owners to transfer car inspection history to buyers when selling cars	litions and modify inspection programs accordingly
Ial		
red by Wwhatfix		
	Legal Notices Privacy Rights Contact Us Terms of Service	Copyright 2025 Railinc© All rights reserved

Help >

- TCID User Guide
- TCID Data Specification Manual
- Tank Car Templates
- TCID Notices of Implementation
- Batch File Example
- TCID Data Dependencies Matrix



Home > Products & Services > Tank Car Integrated Database

Tank Car Integrated Database

Depending on user access, Tank Car Integrated Database provides the ability to create a new inspection, implement a batch import, and delete, edit, submit, or download an open inspection. It was designed to consolidate the information on the AAR forms R-1, R-2, and stubsill inspections. Data Analysts can input data and run reports for their group.

Tank Car Integrated Database uses inspection templates to accurately report cracks found in the stubsill attachment welds.



TCID Notice of Implementation





Help >

• TCID Data Dependencies Matrix

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Scenario

Company A owns **AARX 1234** from its construction and can view all inspections it has submitted for the car

Company A sells **AARX 1234** to **Company B**. **Company A** can still view all inspections it has submitted while owning **AARX 1234** up until the transfer of ownership to **Company B**

Company B can see all inspections that **Company A** created for **AARX 1234**, while also being able to see the inspections they have created for the car

Company B sells AARX 1234 to Company C

Company A can still see all inspections it submitted while owning the car

Company B can still see all inspections it submitted while owning the car up to the point of sale to **Company C**

Company C can see ALL inspections created for AARX 1234

Let Us Know Your Thoughts



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