4. To AAD For suffice Discrete a Toule On	O fo fo	TUV	ol o N I 40005
To AAR Executive Director-Tank Ca	ır Safety 2a. Car Marı		2b. Car Number <u>199335</u>
3. Reported by: TRINITY RAIL #25 TRINITY	RAIL MAINTENANCE	_ 4. Date work perfor	rmed: <u>12/13/2018</u>
5. Work Performed at:	SERVICES	SI Ref# :	409428
6. Report of: Tank Repairs:	Alterations		
7. Built date: <u>05/01/2007</u> 8. B	uilt By:	TRIN - Trinit	ty`
9. Original AAR Certificate No:	<u>L066070</u> 10. Comr	nodity: <u>490915</u> 2	2(ETHYL-ALC-ANHYD)
11. Constructed car spec: 111	A100W1 12. Car s	oec (after this work):	111A100W1
13. Stenciled spec (after this work):	117R100W	,	
14.Tank repairs: (Ref. M-1002 Append A) Nature and location of defect:		_	
NA B) Procedure and defect:			
NA .			
Apply 11 gage jacket, 0.5" jacket head and Apply disengageable BOV handle Change protective housing to 1/2" thick, bo Apply Kelso JS75XHS safety valve, AAR # Increase gross rail load to 286,000 lbs New Tare weight: 79400 lbs 16. Pertinent approved drawings: DRAWING TITLE	lt-on		CERTIFICATE NUMBER
A. General Arrangement	M-042-30145R	P14	M156094
B. Fittings Arrangement	F-020-2011 (see	notes)	M156094
C. Jacket Support Assy.	J-012-8001	<u> </u>	M156094
D. BOV Arrangement	V-014-80252-02(se	e notes)	C156108
E			
F			
17. Revisions and Notes: Fittings drawings F-020-2011 is the same a used. BOV drawing V-014-80252-02 is the same The cars listed above conform to all a specifications, regulations, rules of interest.	as V-014-80116 except the attac	hment of the brackets is we	elded instead of bolted.
Company Name TRI	NITY RAIL MAINTENANC SERVICES	E Location (City/Sta	ate) <u>Fort Worth, TX</u>
Management Representative(Name):			
Management Representative `	Roy Rogers	Title: <u>Direc</u>	ctor of Quality and Compliance

Recorded By:	Melissa Pilot	Comments:	
			Ì

To AAR Executive Director-Tank Ca	r Safety 2a. Car Mark	TILX	2b. Car Number <u>199040</u>
3. Reported by: TRINITY RAIL #25	RAIL MAINTENANCE	4. Date work perfo	rmed: <u>12/17/2018</u>
	SERVICES	SI Ref# :	409885
6. Report of: Tank Repairs: —	Alterations		
•	uilt By:	TRIN - Trini	ty
9. Original AAR Certificate No:	<u> 10. Comm</u>	odity: <u>490915</u>	2(ETHYL-ALC-ANHYD)
11. Constructed car spec:111	A100W1 12. Car sp	ec (after this work):	111A100W1
13. Stenciled spec (after this work):	117R100W		
14.Tank repairs: (Ref. M-1002 Append A) Nature and location of defect:	ix R, Fig. R2)	_	
NA Di D			
B) Procedure and defect:			
NA .			
Apply 11 gage jacket, 0.5" jacket head and Apply disengageable BOV handle Change protective housing to 1/2" thick, bol Apply Kelso JS75XHS safety valve, AAR #F Increase gross rail load to 286,000 lbs	lt-on	,	
New Tare weight: 78900 lbs 16. Pertinent approved drawings: DRAWING TITLE	DRAWING NUI	MBER AAF	R CERTIFICATE NUMBER
16. Pertinent approved drawings: DRAWING TITLE A. General Arrangement	M-042-30145R		
16. Pertinent approved drawings: DRAWING TITLE A. General Arrangement B. Fittings Arrangement	M-042-30145Ri F-020-2011 (see i		M156094
16. Pertinent approved drawings: DRAWING TITLE A. General Arrangement B. Fittings Arrangement C. Jacket Support Assy.	M-042-30145Rf F-020-2011 (see) J-012-80010	P14 · · · · · · · · · · · · · · · · · · ·	M156094 M156094 M156094
16. Pertinent approved drawings: DRAWING TITLE A. General Arrangement B. Fittings Arrangement C. Jacket Support Assy. D. BOV Arrangement	M-042-30145Ri F-020-2011 (see I J-012-80010 V-014-80252-	P14	M156094 M156094 M156094
16. Pertinent approved drawings: DRAWING TITLE A. General Arrangement B. Fittings Arrangement C. Jacket Support Assy.	M-042-30145Ri F-020-2011 (see I J-012-80010 V-014-80252-	P14	M156094 M156094 M156094
16. Pertinent approved drawings: DRAWING TITLE A. General Arrangement B. Fittings Arrangement C. Jacket Support Assy. D. BOV Arrangement E.	M-042-30145Ri F-020-2011 (see in J-012-80010 V-014-80252-4 s F-020-2002 except for the grad as V-014-80116 except the attack	e of steel of the protective	M156094 M156094 C156108 chousing and the specific valves elded instead of bolted.
16. Pertinent approved drawings: DRAWING TITLE A. General Arrangement B. Fittings Arrangement C. Jacket Support Assy. D. BOV Arrangement E. F. 17. Revisions and Notes: Fittings drawings F-020-2011 is the same a used. BOV drawing V-014-80252-02 is the same a fittings drawings F-020-2011 is the same a specifications, regulations, rules of interesting in the same of the cars listed above conform to all a specifications, regulations, rules of interesting in the same of the cars listed above conform to all a specifications, regulations, rules of interesting in the same of the cars listed above conform to all a specifications, regulations, rules of interesting in the same of the cars listed above conform to all a specifications, regulations, rules of interesting in the cars listed above conform to all a specifications, regulations, rules of interesting in the cars listed above conform to all a specifications, regulations, rules of interesting in the cars listed above conform to all a specifications, regulations, rules of interesting in the cars listed above conform to all a specifications, regulations, rules of interesting in the cars listed above conform to all a specifications, rules of interesting in the cars listed above conform to all a specifications.	M-042-30145Ri F-020-2011 (see in J-012-80010 V-014-80252-4 s F-020-2002 except for the grad as V-014-80116 except the attack	e of steel of the protective nment of the brackets is w I applicable DOT and A	M156094 M156094 C156108 housing and the specific valves elded instead of bolted. AR requirements, including
16. Pertinent approved drawings: DRAWING TITLE A. General Arrangement B. Fittings Arrangement C. Jacket Support Assy. D. BOV Arrangement E. F. 17. Revisions and Notes: Fittings drawings F-020-2011 is the same a used. BOV drawing V-014-80252-02 is the same in the specifications, regulations, rules of interpretations.	M-042-30145Ri F-020-2011 (see in J-012-80010) V-014-80252-1 s F-020-2002 except for the grad as V-014-80116 except the attack opprovals mentioned and to all erchange and the DOT safety	e of steel of the protective nment of the brackets is we applicable DOT and A appliance standards.	M156094 M156094 C156108 housing and the specific valves elded instead of bolted. AR requirements, including

Recorded By:	Melissa Pilot	Comments:	

1. To AAR Executive Director-Tank Ca	r Safety 2a. 0	Car Mark TILX	2b	o. Car Number <u>191488</u>
3. Reported by: TRINITYRAIL #25		4. Date	e work perform	ned: <u>05/22/2018</u>
	RAIL MAINTENAN SERVICES	SI R	ef# :	392923
6. Report of: Tank Repairs:	Alterations			
7. Built date: <u>08/01/2006</u> 8. Built date: <u>08/01/2006</u>	uilt By:		TRIN - Trinity	
				ETHYL-ALC-ANHYD)
11. Constructed car spec:111/			•	
13. Stenciled spec (after this work):	<u> </u>	• •	• • •	
14.Tank repairs: (Ref. M-1002 Appendi A) Nature and location of defect:				
NA B) Procedure and defect:				
NA				
Apply disengageable BOV handle Change protective housing to 1/2" thick, bol Apply Kelso JS75XHS safety valve, AAR #F Increase gross rail load to 286,000 lbs	t-on PRD 079004			
New Tare weight: 80400 lbs 16. Pertinent approved drawings: DRAWING TITLE	,			CERTIFICATE NUMBER
New Tare weight: 80400 lbs 16. Pertinent approved drawings: DRAWING TITLE A. General Arrangement	M-04	2-30145RP14		M156094
New Tare weight: 80400 lbs 16. Pertinent approved drawings: DRAWING TITLE A. General Arrangement B. Fittings Arrangement	M-04	2-30145RP14 2015 (see notes)		M156094 M156094
New Tare weight: 80400 lbs 16. Pertinent approved drawings: DRAWING TITLE A. General Arrangement B. Fittings Arrangement C. Jacket Support Assy.	M-04 F-020-2 J-	2-30145RP14 2015 (see notes) 012-80010		M156094 M156094 M156094
New Tare weight: 80400 lbs 16. Pertinent approved drawings:	M-04 F-020-2 J- V-0	2-30145RP14 2015 (see notes) 012-80010 14-80279		M156094 M156094 M156094
New Tare weight: 80400 lbs 16. Pertinent approved drawings: DRAWING TITLE A. General Arrangement B. Fittings Arrangement C. Jacket Support Assy. D. BOV Arrangement E.	M-04 F-020-2 J- V-0	2-30145RP14 2015 (see notes) 012-80010 14-80279		M156094 M156094 M156094
New Tare weight: 80400 lbs 16. Pertinent approved drawings:	M-04 F-020-2 J- V-0: s F-020-2002 except for V-014-80116 except	22-30145RP14 2015 (see notes) 012-80010 14-80279 or the grade of steel of the attachment of the and to all applicab	f the protective ho	M156094 M156094 C156108 Dusing and the specific valves d instead of bolted.
New Tare weight: 80400 lbs 16. Pertinent approved drawings: DRAWING TITLE A. General Arrangement B. Fittings Arrangement C. Jacket Support Assy. D. BOV Arrangement E. F. 17. Revisions and Notes: Fittings drawings F-020-2015 is the same as used. BOV drawing V-014-80279 is the same as The cars listed above conform to all apspecifications, regulations, rules of interpretations.	M-04 F-020-2 J- V-0: s F-020-2002 except for V-014-80116 except	22-30145RP14 2015 (see notes) 012-80010 14-80279 or the grade of steel of the attachment of the and to all applicable of safety appliance.	f the protective ho brackets is welded le DOT and AAR e standards.	M156094 M156094 C156108 Dusing and the specific valves d instead of bolted.
New Tare weight: 80400 lbs 16. Pertinent approved drawings: DRAWING TITLE A. General Arrangement B. Fittings Arrangement C. Jacket Support Assy. D. BOV Arrangement E. F. 17. Revisions and Notes: Fittings drawings F-020-2015 is the same as used. BOV drawing V-014-80279 is the same as The cars listed above conform to all as specifications, regulations, rules of interpretations.	M-04 F-020-2 J- V-0: s F-020-2002 except for V-014-80116 except except for provals mentioned exchange and the D	22-30145RP14 2015 (see notes) 012-80010 14-80279 or the grade of steel of the attachment of the and to all applicable of safety appliance.	f the protective ho brackets is welded the DOT and AAR e standards.	M156094 M156094 C156108 Dusing and the specific valves d instead of bolted. Trequirements, including

Recorded By:	Sabrina Luevano	Comments:	, , , , , , , , , , , , , , , , , , , ,	

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To AAR Executive Director-Tank Ca	ar Safety 2			2b. Car Number <u>198946</u>
3. Reported by: Jonna Rawlings	RAIL MAINTE	4.	Date work perfo	ormed: <u>07/09/2018</u>
5. Work Performed at:	SERVICES	NANCE (SI Ref# :	395314
6. Report of: Tank Repairs: —	Alteration	าร		
7. Built date: <u>10/01/2007</u> 8. E	Built By:		TRIN - Trin	ity
9. Original AAR Certificate No:	L066070	10. Commodity	y: <u>490915</u>	2(ETHYL-ALC-ANHYD)
11. Constructed car spec:111	A100W1	12. Car spec (a	after this work):	111A100W1
13. Stenciled spec (after this work):	117R	100W	·	
14.Tank repairs: (Ref. M-1002 Append A) Nature and location of defect:	lix R, Fig. R2)			
NA B) Procedure and defect:				
NA				
NA.				
Apply disengageable BOV handle Change protective housing to 1/2" thick, bo Apply Kelso JS75XHS safety valve, AAR # Increase gross rail load to 286,000 lbs	olt-on PRD 079004			
New Tare weight: 79200 lbs 16. Pertinent approved drawings: DRAWING TITLE	DR	AWING NUMBE	R AAF	R CERTIFICATE NUMBER
New Tare weight: 79200 lbs 16. Pertinent approved drawings:		AWING NUMBE M-042-30145RP14		
New Tare weight: 79200 lbs 16. Pertinent approved drawings: DRAWING TITLE A. General Arrangement B. Fittings Arrangement				M156094
New Tare weight: 79200 lbs 16. Pertinent approved drawings: DRAWING TITLE A. General Arrangement B. Fittings Arrangement C. Jacket Support Assy.	F-	M-042-30145RP14 020-2011 (see notes)		M156094
New Tare weight: 79200 lbs 16. Pertinent approved drawings: DRAWING TITLE A. General Arrangement B. Fittings Arrangement C. Jacket Support Assy. D. BOV Arrangement	F-(M-042-30145RP14 020-2011 (see notes) J-012-80010)	M156094 M156094 M156094
New Tare weight: 79200 lbs 16. Pertinent approved drawings: DRAWING TITLE A. General Arrangement B. Fittings Arrangement C. Jacket Support Assy. D. BOV Arrangement E.	F-I	M-042-30145RP14 020-2011 (see notes) J-012-80010 I-80058-07 (Jamesbu)	M156094 M156094 M156094
New Tare weight: 79200 lbs 16. Pertinent approved drawings: DRAWING TITLE A. General Arrangement B. Fittings Arrangement C. Jacket Support Assy. D. BOV Arrangement	V-014 as F-020-2002 exc as V-014-80058-0	M-042-30145RP14 020-2011 (see notes) J-012-80010 I-80058-07 (Jamesbu	steel of the protective set materials.	M156094 M156094 M156094 M156163 (see notes)
New Tare weight: 79200 lbs 16. Pertinent approved drawings: DRAWING TITLE A. General Arrangement B. Fittings Arrangement C. Jacket Support Assy. D. BOV Arrangement E. F. 17. Revisions and Notes: Fittings drawings F-020-2011 is the same a used. BOV drawing V-014-80058-07 is the same The cars listed above conform to all a specifications, regulations, rules of in	V-014 as F-020-2002 exc as V-014-80058-0	M-042-30145RP14 020-2011 (see notes) J-012-80010 I-80058-07 (Jamesburger) Sept for the grade of some and to all apphe DOT safety app	steel of the protective set materials.	M156094 M156094 M156163 (see notes) Phousing and the specific valves AR requirements, including
New Tare weight: 79200 lbs 16. Pertinent approved drawings: DRAWING TITLE A. General Arrangement B. Fittings Arrangement C. Jacket Support Assy. D. BOV Arrangement E. F. 17. Revisions and Notes: Fittings drawings F-020-2011 is the same a used. BOV drawing V-014-80058-07 is the same The cars listed above conform to all a specifications, regulations, rules of in	V-014 Ses F-020-2002 excess V-014-80058-0 Approvals menticaterchange and the second	M-042-30145RP14 020-2011 (see notes) J-012-80010 0-80058-07 (Jamesburger) 0-90058-07 (Jamesburge	steel of the protective set materials. Discable DOT and Aliance standards.	M156094 M156094 M156163 (see notes) Phousing and the specific valves AR requirements, including

Recorded By:	Jonna Rawlings	_ Comments:	

1. To AAR Executive Director-Ta	nk Car Safety	2a. Car MarkTIL	<u>X</u> 21	b. Car Number <u>194329</u>
3. Reported by: Jonna Rawlings		4. Da	ite work perforn	ned: <u>05/04/2018</u>
5. Work Performed at:	NITY RAIL MAINT SERVICES		Ref# :	390719
6. Report of: Tank Repairs:	Alteration			-
7. Built date: <u>11/01/2007</u>	8 Built By:		TOIN Trinity	,
Original AAR Certificate No:				
•		_		(ETHYL-ALC-ANHYD)
•			er this work):	DOT 111A100W1
13. Stenciled spec (after this wor	,			
14.Tank repairs: (Ref. M-1002 A A) Nature and location of defect:	ppendix R, Fig. R2			
N/A				
B) Procedure and defect:				
N/A				
		•		
CHANGE PROTECTIVE HOUSING APPLY KELSO JS75XHS SAFETY	VALVE, AAR #PRD 07			
INCREASE GROSS RAIL LOAD TO NEW TARE WEIGHT: 79600 LBS	· :		440	
NEW TARE WEIGHT: 79600 LBS 16. Pertinent approved drawings DRAWING TITLE	: D	RAWING NUMBER		CERTIFICATE NUMBER
NEW TARE WEIGHT: 79600 LBS 16. Pertinent approved drawings DRAWING TITLE A. GENERAL ARRANGEMENT	: D	_M-042-30145RP14		M156094
NEW TARE WEIGHT: 79600 LBS 16. Pertinent approved drawings DRAWING TITLE A. GENERAL ARRANGEMENT B. FITTINGS ARRANGEMENT	: D ———————————————————————————————————	_M-042-30145RP14 20-2008-01 (SEE NOTES)		M156094 M156094
16. Pertinent approved drawings DRAWING TITLE A. GENERAL ARRANGEMENT B. FITTINGS ARRANGEMENT C. JACKET SUPPORT ASSY.	: D 	M-042-30145RP14 20-2008-01 (SEE NOTES) J-012-80010		M156094
16. Pertinent approved drawings DRAWING TITLE A. GENERAL ARRANGEMENT B. FITTINGS ARRANGEMENT C. JACKET SUPPORT ASSY. D. BOV ARRANGEMENT	: F-0:	M-042-30145RP14 20-2008-01 (SEE NOTES) J-012-80010 /-014-80252-02 (5RET3)		M156094 M156094 M156094
16. Pertinent approved drawings DRAWING TITLE A. GENERAL ARRANGEMENT B. FITTINGS ARRANGEMENT C. JACKET SUPPORT ASSY. D. BOV ARRANGEMENT	: F-0:	M-042-30145RP14 20-2008-01 (SEE NOTES) J-012-80010 /-014-80252-02 (5RET3)		M156094 M156094 M156094
16. Pertinent approved drawings DRAWING TITLE A. GENERAL ARRANGEMENT B. FITTINGS ARRANGEMENT C. JACKET SUPPORT ASSY. D. BOV ARRANGEMENT E.	F-0: V IS THE SAME AS F-0: LVES USED.	M-042-30145RP14 20-2008-01 (SEE NOTES) J-012-80010 /-014-80252-02 (5RET3) 20-2002 EXCEPT FOR TH	E GRADE OF STE	M156094 M156094 M156094 C156108
16. Pertinent approved drawings DRAWING TITLE A. GENERAL ARRANGEMENT B. FITTINGS ARRANGEMENT C. JACKET SUPPORT ASSY. D. BOV ARRANGEMENT E. F. 17. Revisions and Notes: FITTINGS DRAWINGS F-020-2008 HOUSING AND THE SPECIFIC VA BOV DRAWING V-014-80252-02 IS	IS THE SAME AS F-0: LVES USED. THE SAME AS V-014	M-042-30145RP14 20-2008-01 (SEE NOTES) J-012-80010 /-014-80252-02 (5RET3) 20-2002 EXCEPT FOR THE	E GRADE OF STE	M156094 M156094 C156108 EL OF THE PROTECTIVE OF THE BRACKETS IS WELDED
16. Pertinent approved drawings DRAWING TITLE A. GENERAL ARRANGEMENT B. FITTINGS ARRANGEMENT C. JACKET SUPPORT ASSY. D. BOV ARRANGEMENT E. F. 17. Revisions and Notes: FITTINGS DRAWINGS F-020-2008 HOUSING AND THE SPECIFIC VA BOV DRAWING V-014-80252-02 IS INSTEAD OF BOLTED.	IS THE SAME AS F-0: LVES USED. THE SAME AS V-014	M-042-30145RP14 20-2008-01 (SEE NOTES)	E GRADE OF STE	M156094 M156094 C156108 EL OF THE PROTECTIVE OF THE BRACKETS IS WELDED R requirements, including
16. Pertinent approved drawings DRAWING TITLE A. GENERAL ARRANGEMENT B. FITTINGS ARRANGEMENT C. JACKET SUPPORT ASSY. D. BOV ARRANGEMENT E. F. 17. Revisions and Notes: FITTINGS DRAWINGS F-020-2008 HOUSING AND THE SPECIFIC VA BOV DRAWING V-014-80252-02 IS INSTEAD OF BOLTED. The cars listed above conform to specifications, regulations, rule	IS THE SAME AS F-02 LVES USED. THE SAME AS V-014 TO all approvals ments of interchange and	M-042-30145RP14 20-2008-01 (SEE NOTES) J-012-80010 /-014-80252-02 (5RET3) 20-2002 EXCEPT FOR THE tioned and to all applications and the DOT safety appliant //AINTENANCE Loce	E GRADE OF STE ATTACHMENT O	M156094 M156094 C156108 EL OF THE PROTECTIVE OF THE BRACKETS IS WELDED R requirements, including

Management Representative (Signature):				
Recorded By:	Jonna Rawlings	Comments:	DW	

To AAR Executive Director-Tank Car	r Safety 2a.	Car Mark TILX	<u>(</u>	2b. Car Number	351873
	•			med:10/28	
5. Work Performed at: TRINIT			•	319131	
6. Report of: Tank Repairs:			· · <u></u>		 .
7. Built date: <u>11/23/2013</u> 8. Bu			TRIN - Trinit	·v	
9. Original AAR Certificate No:				_	
11. Constructed car spec: 111/		-			
13. Stenciled spec (after this work):			ano nong.		
14.Tank repairs: (Ref. M-1002 Appendi A) Nature and location of defect:					
B) Procedure and defect: AAR NO. M156141 - APPLY SALCO DISENGAGEABLE BO' -APPLY 11 GAUGE JACKET, 0.5" JACK - UPGRADE AND RE-STENCIL LOAD LI OLD LT WT- 74500 NEW LT W	ET HEAD & 0.5" TH MT TO REFLECT 28		i		
15. For Alterations, Conversions, Press	sure Relief Devic	ces or Other, list Pr	rocedure and	Materials:	
16. Pertinent approved drawings: DRAWING TITLE	DRAV	WING NUMBER	AAR	CERTIFICATE N	NUMBER
DRAWING TITLE A. Fitting Arrangement		WING NUMBER F-020-2002	AAR	CERTIFICATE	NUMBER
DRAWING TITLE A. Fitting Arrangement B. General Arrangement	M	F-020-2002 -024-31808RP			
A. Fitting Arrangement B. General Arrangement C. BOV Arrangement Jamesbury		F-020-2002 -024-31808RP -014-80058-01			
DRAWING TITLE A. Fitting Arrangement B. General Arrangement C. BOV Arrangement Jamesbury D. BOV Arrangement Midland	M 	F-020-2002 -024-31808RP -014-80058-01 -014-80092-01			
A. Fitting Arrangement B. General Arrangement C. BOV Arrangement Jamesbury D. BOV Arrangement Midland E.		F-020-2002 -024-31808RP -014-80058-01 -014-80092-01			
A. Fitting Arrangement B. General Arrangement C. BOV Arrangement Jamesbury D. BOV Arrangement Midland E.		F-020-2002 -024-31808RP -014-80058-01 -014-80092-01			
DRAWING TITLE A. Fitting Arrangement B. General Arrangement C. BOV Arrangement Jamesbury D. BOV Arrangement Midland E. F. 17. Revisions and Notes:		F-020-2002 -024-31808RP -014-80058-01 -014-80092-01			
DRAWING TITLE A. Fitting Arrangement B. General Arrangement C. BOV Arrangement Jamesbury D. BOV Arrangement Midland E. F.		F-020-2002 -024-31808RP -014-80058-01 -014-80092-01			
DRAWING TITLE A. Fitting Arrangement B. General Arrangement C. BOV Arrangement Jamesbury D. BOV Arrangement Midland E. F. 17. Revisions and Notes:	M V	F-020-2002 -024-31808RP -014-80058-01 -014-80092-01	ole DOT and AA		
DRAWING TITLE A. Fitting Arrangement B. General Arrangement C. BOV Arrangement Jamesbury D. BOV Arrangement Midland E. F. 17. Revisions and Notes: n/a The cars listed above conform to all ap	M V	F-020-2002 -024-31808RP -014-80058-01 -014-80092-01 ed and to all applicate DOT safety appliance	ole DOT and AA	AR requirements, in	
DRAWING TITLE A. Fitting Arrangement B. General Arrangement C. BOV Arrangement Jamesbury D. BOV Arrangement Midland E. F. 17. Revisions and Notes: n/a The cars listed above conform to all apspecifications, regulations, rules of interesting in the cars of the car	M V	F-020-2002 -024-31808RP -014-80058-01 -014-80092-01 ed and to all applicate DOT safety appliance	ole DOT and AAce standards.	AR requirements, in	ncluding

1. To AAR Executive Director-Tank Ca	r Safety 2a. Car Marl	CTILX	2b. Car Number <u>198738</u>
3. Reported by: TRINITYRAIL #25		4. Date work perfo	rmed: <u>01/04/2018</u>
	RAIL MAINTENANCE SERVICES	SI Ref# :	383794
6. Report of: Tank Repairs: —	Alterations	-	
•		TOIN TO:	t
	uilt By:		
		•	2(ETHYL-ALC-ANHYD)
11. Constructed car spec: 111/	<u>12. Car s</u>	pec (after this work):	DOT 111A100W1
13. Stenciled spec (after this work):	DOT 117R100W	_ _	
14.Tank repairs: (Ref. M-1002 Appendi A) Nature and location of defect:	x R, Fig. R2)		
N/A			
B) Procedure and defect:			
N/A			
Apply Kelso JS75XHS safety valve, AAR #F Increase gross rail load to 286,000 lbs	PRD 079004		
New Tare weight: 78500 lbs 16. Pertinent approved drawings: DRAWING TITLE	DRAWING NU	MBER AAF	R CERTIFICATE NUMBER
New Tare weight: 78500 lbs 16. Pertinent approved drawings: DRAWING TITLE A. General Arrangement		MBER AAF	
New Tare weight: 78500 lbs 16. Pertinent approved drawings: DRAWING TITLE A. General Arrangement B. Fittings Arrangement	M-042-30145R		M156094
New Tare weight: 78500 lbs 16. Pertinent approved drawings: DRAWING TITLE A. General Arrangement B. Fittings Arrangement C. Jacket Support Assy.	M-042-30145R F-020-2011 (see J-012-80010	P14 notes)	M156094 M156094 M156094
New Tare weight: 78500 lbs 16. Pertinent approved drawings: DRAWING TITLE A. General Arrangement B. Fittings Arrangement C. Jacket Support Assy. D. BOV Arrangement	M-042-30145R F-020-2011 (see J-012-80010 V-014-80058-07 (Jan	P14	M156094 M156094
New Tare weight: 78500 lbs 16. Pertinent approved drawings: DRAWING TITLE A. General Arrangement B. Fittings Arrangement C. Jacket Support Assy. D. BOV Arrangement E.	M-042-30145R F-020-2011 (see J-012-80010 V-014-80058-07 (Jan	P14	M156094 M156094 M156094
New Tare weight: 78500 lbs 16. Pertinent approved drawings: DRAWING TITLE A. General Arrangement B. Fittings Arrangement C. Jacket Support Assy. D. BOV Arrangement	M-042-30145R F-020-2011 (see	P14 notes) nesbury) le of steel of the protective gasket materials.	M156094 M156094 M156094 M156163 (see notes) housing and the specific valves
New Tare weight: 78500 lbs 16. Pertinent approved drawings: DRAWING TITLE A. General Arrangement B. Fittings Arrangement C. Jacket Support Assy. D. BOV Arrangement E. F. 17. Revisions and Notes: Fittings drawings F-020-2011 is the same as used. BOV drawing V-014-80058-07 is the same as the cars listed above conform to all as specifications, regulations, rules of interpretations.	M-042-30145R F-020-2011 (see	notes) nesbury) le of steel of the protective agasket materials. Il applicable DOT and Ay appliance standards.	M156094 M156094 M156094 M156163 (see notes) housing and the specific valves AR requirements, including
New Tare weight: 78500 lbs 16. Pertinent approved drawings: DRAWING TITLE A. General Arrangement B. Fittings Arrangement C. Jacket Support Assy. D. BOV Arrangement E. F. 17. Revisions and Notes: Fittings drawings F-020-2011 is the same as used. BOV drawing V-014-80058-07 is the same as specifications, regulations, rules of interpretations.	M-042-30145R F-020-2011 (see J-012-80010 V-014-80058-07 (Jan s F-020-2002 except for the grades V-014-80058-01 except for the provals mentioned and to a perchange and the DOT safety	notes) nesbury) le of steel of the protective agasket materials. If applicable DOT and Agaphiance standards. E Location (City/Standards.	M156094 M156094 M156094 M156163 (see notes) housing and the specific valves AR requirements, including

Recorded By:	Sabrina Luevano	Comments:	

1. To AAR Executive Director-Ta	nk Car Safety 2	a Car Mark TII	X 2h	Car Number 351703
Reported by: DAVID	Tik Oal Galety 2		te work performe	
5. Work Performed at:T	DINITY DAIL SEDVI		·	
6. Report of: Tank Repairs:	Alteration:		Ref# :3	25360
7. Built date: <u>04/25/2013</u>		<u></u>	TOIN Trinity	
Original AAR Certificate No:			TRIN - Trinity	1/Pokkon Crudo)
-		•	·	
	111A100W1		er this work):	TTIATOUVVI
 Stenciled spec (after this wor Tank repairs: (Ref. M-1002 App.) Nature and location of defect: 	,	10000		
B) Procedure and defect: Alteration: AAR # M156141 Change Safety valve, Applied Ke Change BOV, Applied Jamesbury Applied Salco Disengagable BOV Change VRV, Applied Midland A- Change 2" ball Valve, Applied Jan Change 3" ball Valve, Applied Jan Applied 11 Gage Jacket, 0.5 Jack Apply Pressure Style Bolt-on Prot Lt Weight before this work 74400 Lt Weight after this work 87550 15. For Alterations, Conversions,	/ 9RET 36HBXTFO / Handle / Handle -222-W-NS-FR20-5-VB mesbury 9150RR313600> mesbury 9150RR313600> tet Head and 0.5 Thermal lective Housing to Multi Ho	(TZ2A-ESD13 protection pusing-1/2 Thick	rocedure and Ma	aterials:
16. Pertinent approved drawings				
DRAWING TITLE		AWING NUMBER	AAR CE	ERTIFICATE NUMBER
D		F-020-2002		
C. BOV ARRANGEMENT MIDLAND		W-042-31808RP V-014-80058-01		
D. BOV ARRANGEMENT JAMESBU		V-014-80092-01		
E				
F				
17. Revisions and Notes: The car(s) listed above conform to a rules of interchange and the DOT sa The cars listed above conform to specifications, regulations, rules	ifety appliance standards o all approvals mention	ned and to all applica	ble DOT and AAR r	
Company Name		Loc	ation (City/State)	
Management Representative(Na	me): Roy Rogers			of Quality and Compliance

Management Representative (Signature):	 Date :	
Recorded By:	 Comments:	

To AAR Executive Director-Tank Ca	r Safetv 2a Ca	r Mark TILX		2h Car N	Number352058
3. Reported by: DAVID	- Ca.O.y				11/18/2015
5. Work Performed at: TRINIT	V RAII SERVICES		ef# :	_	
6. Report of: Tank Repairs:	Alterations	31 K6	::# . <u></u>	31716	<u> </u>
•			TOIN THE	14	
7. Built date: <u>10/14/2013</u> 8. B	• -		TRIN - Trini		
9. Original AAR Certificate No:I		_			CONDENSAT)
11. Constructed car spec: 1112			this work):		111A100W1
13. Stenciled spec (after this work):	117R100W				
14.Tank repairs: (Ref. M-1002 Append A) Nature and location of defect:	ix R, Fig. R2)				
AAR NO. M156163 APPLY SALCO DISENGAGABLE BOV H APPLY 11 GAGE JACKET, 0.5" JACKET APPLY PRESSURE STYLE BOLT-ON P UP GRADE AND RESTENCIL LOAD LIN PREVIOUS LT WEIGHT 74400 LT WEIGHT AFTER THIS WORK 88100 15. For Alterations, Conversions, Press	THEAD AND 0.5" THERI PROTECTIVE HOUSING MIT TO REFLECT 286 UF	TO MULTI HOUSII PGRADE	NG-1/2" THICK		ls:
16. Pertinent approved drawings: DRAWING TITLE	DRAWIN	G NUMBER	AAF	R CERTIF	FICATE NUMBER
A. FITTING	F-02	0-2002			
B. GENERAL		31808RP			
C. BOV ARRANGEMENT & SALCO HAND	LEV-014	80058-01			
D. PROTECTIVE HOUSING	F-050-	300026-01			
E	_				
F. 17. Revisions and Notes: The car listed above conforms to all approve regulations, rules of interchange and the DC The cars listed above conform to all approve specifications, regulations, rules of interchange.	OT safety appliance stand oprovals mentioned ar	ards. Id to all applicabl	le DOT and A		
Company Name		Locat	ion (City/St	ate)	
Management Representative(Name):	Roy Rogers	Title:	, ,	· —	ality and Compliance
Management Representative	Noy Nogera	Date		CIOI OI QUE	ancy and Compliance
(Signature):			•		

1. To AAR Executive Director-Tank Ca	ar Safetv 2a. Car Mar	k TILX 2	b. Car Number <u>199078</u>
3. Reported by: TRINITYRAIL #25			med:01/29/2018
	RAIL MAINTENANCE SERVICES	SI Ref#:	
6. Report of: Tank Repairs: —	Alterations	•	
•	Built By:	TRIN - Trinity	/
9. Original AAR Certificate No:	L066070 10. Comr	nodity: 4909152	(ETHYL-ALC-ANHYD)
11. Constructed car spec:111			
13. Stenciled spec (after this work):	-	, ,	
14.Tank repairs: (Ref. M-1002 Append A) Nature and location of defect:		_	
N/A B) Procedure and defect:			
N/A			
Apply disengageable BOV handle Change protective housing to 1/2" thick, bo Apply Kelso JS75XHS safety valve, AAR # Increase gross rall load to 286,000 lbs New Tare weight: 79100 lbs 16. Pertinent approved drawings:			
DRAWING TITLE	DRAWING NU	MBER AAR	CERTIFICATE NUMBER
DRAWING TITLE A. General Arrangement	M-042-30145R		
A. General Arrangement B. Fittings Arrangement	M-042-30145F F-020-2011 (see	P14	
A. General Arrangement B. Fittings Arrangement C. Jacket Support Assy.	M-042-30145F F-020-2011 (see J-012-8001	P14 notes)	M156094 M156094 M156094
A. General Arrangement B. Fittings Arrangement C. Jacket Support Assy. D. BOV Arrangement F	M-042-30145F F-020-2011 (see J-012-8001 V-014-80058-07 (Ja	P14 notes) 0 mesbury)	M156094 M156094 M156094
A. General Arrangement B. Fittings Arrangement C. Jacket Support Assy. D. BOV Arrangement F	M-042-30145F F-020-2011 (see J-012-8001	P14 notes) 0 mesbury)	M156094 M156094 M156094
A. General Arrangement B. Fittings Arrangement C. Jacket Support Assy. D. BOV Arrangement E.	M-042-30145F F-020-2011 (see J-012-8001 V-014-80058-07 (Ja as F-020-2002 except for the gradus V-014-80058-01 except for the pprovals mentioned and to a	P14 notes) 0 mesbury) de of steel of the protective he gasket materials.	M156094 M156094 M156094 M156163 (see notes) ousing and the specific valves
A. General Arrangement B. Fittings Arrangement C. Jacket Support Assy. D. BOV Arrangement E. F. 17. Revisions and Notes: Fittings drawings F-020-2011 is the same a used. BOV drawing V-014-80058-07 is the same The cars listed above conform to all a specifications, regulations, rules of interpretable.	M-042-30145F F-020-2011 (see J-012-8001 V-014-80058-07 (Ja as F-020-2002 except for the gradus V-014-80058-01 except for the pprovals mentioned and to a	P14 notes) mesbury) de of steel of the protective he gasket materials. Il applicable DOT and AAy appliance standards.	M156094 M156094 M156094 M156163 (see notes) ousing and the specific valves R requirements, including
A. General Arrangement B. Fittings Arrangement C. Jacket Support Assy. D. BOV Arrangement E. F. 17. Revisions and Notes: Fittings drawings F-020-2011 is the same a used. BOV drawing V-014-80058-07 is the same The cars listed above conform to all a specifications, regulations, rules of interpretable.	M-042-30145R F-020-2011 (see J-012-8001 V-014-80058-07 (Ja as F-020-2002 except for the grades V-014-80058-01 except for the pprovals mentioned and to a terchange and the DOT safet NITY RAIL MAINTENANC	mesbury) de of steel of the protective he gasket materials. If applicable DOT and AA y appliance standards. EL Location (City/State)	M156094 M156094 M156094 M156163 (see notes) ousing and the specific valves R requirements, including

Recorded By:	Sabrina Luevano	_ Comments:	

To AAR Executive Director-Tank	Car Safety	2a. Car MarkT	ILX	2b. Car Number <u>192495</u>
3. Reported by: TRINITYRAIL #25	Y RAIL MAINTE	4. C	Date work perfo	rmed: <u>03/23/2018</u>
5. Work Performed at:	SERVICES	S	l Ref# :	388858
6. Report of: Tank Repairs: -	Alteration	ons		
7. Built date: <u>09/01/2005</u> 8	. Built By:		TRIN - Trini	ty
9. Original AAR Certificate No:	L056059	10. Commodity:	490915	2(ETHYL-ALC-ANHYD)
11. Constructed car spec: 1	11A100W1	12. Car spec (a	fter this work):	111A100W1
13. Stenciled spec (after this work):	117	R100W		
14.Tank repairs: (Ref. M-1002 Appe A) Nature and location of defect:	ndix R, Fig. R2))		
NA				
B) Procedure and defect:				
NA				
Change protective housing to 1/2" thick, Apply Kelso JS75XHS safety valve, AAF Increase gross rail load to 286,000 lbs New Tare weight: 79500lbs	bolt-on R #PRD 079004			
16. Pertinent approved drawings:	, Di			O CERTIFICATE NI IMPER
DRAWING TITLE		RAWING NUMBER		CERTIFICATE NUMBER
DRAWING TITLE A. General Arrangement		M-042-30145RP14		M156094
A. General Arrangement B. Fittings Arrangement		M-042-30145RP14 F-020-2008-01		M156094
DRAWING TITLE A. General Arrangement B. Fittings Arrangement		M-042-30145RP14 F-020-2008-01 J-012-80010		M156094 M156094
A. General Arrangement B. Fittings Arrangement C. Jacket Support Assy. D. BOV Arrangement E.		M-042-30145RP14 F-020-2008-01 J-012-80010 014-80252-02 (5RET3)		M156094 M156094 M156094
A. General Arrangement B. Fittings Arrangement C. Jacket Support Assy. D. BOV Arrangement		M-042-30145RP14 F-020-2008-01 J-012-80010 014-80252-02 (5RET3)		M156094 M156094 M156094
A. General Arrangement B. Fittings Arrangement C. Jacket Support Assy. D. BOV Arrangement E. F. 17. Revisions and Notes: Fittings drawings F-020-2008-01 is the sused. BOV drawing V-014-80252-02 is the san welded instead of bolted. The cars listed above conform to al	ame as F-020-2002 ne as V-014-80116	M-042-30145RP14 F-020-2008-01 J-012-80010 014-80252-02 (5RET3) 2 except for the grade of except the attachment of the grade and to all applications.	steel of the protect of the brackets is	M156094 M156094 M156094 C156108 (see notes)
A. General Arrangement B. Fittings Arrangement C. Jacket Support Assy. D. BOV Arrangement E. F. 17. Revisions and Notes: Fittings drawings F-020-2008-01 is the sused. BOV drawing V-014-80252-02 is the san welded instead of bolted. The cars listed above conform to all specifications, regulations, rules of	ame as F-020-2002 ne as V-014-80116 I approvals ment interchange and	M-042-30145RP14 F-020-2008-01 J-012-80010 014-80252-02 (5RET3) 2 except for the grade of except the attachment of the properties of the DOT safety applies	steel of the protect of the brackets is	M156094 M156094 M156094 C156108 (see notes)
A. General Arrangement B. Fittings Arrangement C. Jacket Support Assy. D. BOV Arrangement E. F. 17. Revisions and Notes: Fittings drawings F-020-2008-01 is the sused. BOV drawing V-014-80252-02 is the san welded instead of bolted. The cars listed above conform to al specifications, regulations, rules of	ame as F-020-2002 ne as V-014-80116	M-042-30145RP14 F-020-2008-01 J-012-80010 014-80252-02 (5RET3) 2 except for the grade of except the attachment of the DOT safety applies the DOT safety applies the DOT safety applies	steel of the protect of the brackets is	M156094 M156094 C156108 (see notes) ive housing and the specific valves AR requirements, including
A. General Arrangement B. Fittings Arrangement C. Jacket Support Assy. D. BOV Arrangement E. F. 17. Revisions and Notes: Fittings drawings F-020-2008-01 is the sused. BOV drawing V-014-80252-02 is the san welded instead of botted. The cars listed above conform to al specifications, regulations, rules of	ame as F-020-2002 ne as V-014-80116 I approvals ment interchange and RINITY RAIL M SERV	M-042-30145RP14 F-020-2008-01 J-012-80010 014-80252-02 (5RET3) 2 except for the grade of except the attachment of the DOT safety applied the DOT safety applied the LCES LCES LCES LCCC	steel of the protect of the brackets is cable DOT and A ance standards.	M156094 M156094 C156108 (see notes) ive housing and the specific valves AR requirements, including

Management Representative (Signature):			
Recorded By:	Sabrina Luevano	Comments:	

To AAR Executive Director-Tank C	ar Safety	2a. Car MarkTIL	· · · · · · · · · · · · · · · · · · ·
3. Reported by: TRINITYRAIL #25	RAIL MAINTE	4. Da	te work performed: 01/09/2018
5. Work Performed at:	SERVICES	SI F	Ref# :
6. Report of: Tank Repairs: —	Alteratio	ns	
7. Built date: <u>10/01/2007</u> 8. I	Built By:		TRIN - Trinity
9. Original AAR Certificate No:	L076034A	_ 10. Commodity:	4909152(ETHYL-ALC-ANHYD)
11. Constructed car spec:11	<u>1A100W1</u>	_ 12. Car spec (afte	r this work):DOT 111A100W1
13. Stenciled spec (after this work):	DOT 117	'R100W	
14.Tank repairs: (Ref. M-1002 Appen A) Nature and location of defect:	dix R, Fig. R2)		
N/A			
B) Procedure and defect:			
N/A			
Change protective housing to 1/2" thick, b Apply Kelso JS75XHS safety valve, AAR Increase gross rail load to 286,000 lbs			
New Tare weight: 79300 lbs 16. Pertinent approved drawings: DRAWING TITLE		RAWING NUMBER	AAR CERTIFICATE NUMBER
16. Pertinent approved drawings: DRAWING TITLE A. General Arrangement		M-042-30145RP14	M156094
16. Pertinent approved drawings: DRAWING TITLE A. General Arrangement B. Fittings Arrangement		M-042-30145RP14 -020-2008 (see notes)	M156094 M156094
16. Pertinent approved drawings: DRAWING TITLE A. General Arrangement B. Fittings Arrangement C. Jacket Support Assy.	F	M-042-30145RP14 -020-2008 (see notes) J-012-80010	M156094 M156094 M156094
16. Pertinent approved drawings: DRAWING TITLE A. General Arrangement B. Fittings Arrangement C. Jacket Support Assy. D. BOV Arrangement	F	M-042-30145RP14 -020-2008 (see notes) J-012-80010 14-80252-02 (5RET3)	M156094 M156094 M156094
16. Pertinent approved drawings: DRAWING TITLE A. General Arrangement B. Fittings Arrangement C. Jacket Support Assy. D. BOV Arrangement	F	M-042-30145RP14 -020-2008 (see notes) J-012-80010 14-80252-02 (5RET3)	M156094 M156094 M156094
16. Pertinent approved drawings: DRAWING TITLE A. General Arrangement B. Fittings Arrangement C. Jacket Support Assy. D. BOV Arrangement E. F. 17. Revisions and Notes: Fittings drawings F-020-2008 is the same used. BOV drawing V-014-80252-02 is the same	as F-020-2002 ex	M-042-30145RP14 -020-2008 (see notes) J-012-80010 14-80252-02 (5RET3) cept for the grade of steel except the attachment of too ned and to all applica	M156094 M156094 M156094 C156108 Of the protective housing and the specific valves he brackets is welded instead of bolted.
16. Pertinent approved drawings: DRAWING TITLE A. General Arrangement B. Fittings Arrangement C. Jacket Support Assy. D. BOV Arrangement E. F. 17. Revisions and Notes: Fittings drawings F-020-2008 is the same used. BOV drawing V-014-80252-02 is the same specifications, regulations, rules of in	as F-020-2002 exes as V-014-80116 approvals mentionerchange and	M-042-30145RP14 -020-2008 (see notes) J-012-80010 14-80252-02 (5RET3) cept for the grade of steel except the attachment of to the DOT safety appliant AINTENANCE	M156094 M156094 M156094 C156108 Of the protective housing and the specific valves he brackets is welded instead of bolted.
16. Pertinent approved drawings: DRAWING TITLE A. General Arrangement B. Fittings Arrangement C. Jacket Support Assy. D. BOV Arrangement E. F. 17. Revisions and Notes: Fittings drawings F-020-2008 is the same used. BOV drawing V-014-80252-02 is the same representation. The cars listed above conform to all a specifications, regulations, rules of interest and representations.	as F-020-2002 exe as V-014-80116 approvals mentioterchange and	M-042-30145RP14 -020-2008 (see notes) J-012-80010 14-80252-02 (5RET3) cept for the grade of steel except the attachment of the distance of	M156094 M156094 C156108 Of the protective housing and the specific valves the brackets is welded instead of bolted. DIE DOT and AAR requirements, including the standards. Section (City/State) Fort Worth, TX

Recorded By:	Sabrina Luevano	Comments:	

1. To AAR Executive Director-Tank (Car Safety	2a. Car Mark1	LX_	
3. Reported by: TRINITY RAIL #25	V DAIL BAAINE		ate work perfo	ormed: <u>12/17/2018</u>
5. Work Performed at:	Y RAIL MAINT SERVICES		Ref# :	409878
6. Report of: Tank Repairs: —	Alteration			
•	D 111 D			
7. Built date: <u>08/01/2006</u> 8.				·
Original AAR Certificate No:	L056007	10. Commodity:	<u>490915</u>	52(ETHYL-ALC-ANHYD)
11. Constructed car spec:1	11A100W1	12. Car spec (at	fter this work):	111A100W1
13. Stenciled spec (after this work):	117	R100W		
14.Tank repairs: (Ref. M-1002 Apper A) Nature and location of defect:	ndix R, Fig. R2)		
NA				
B) Procedure and defect:				
NA				
Change protective housing to 1/2" thick, Apply Kelso JS75XHS safety valve, AAR Increase gross rail load to 286,000 lbs New Tare Weight: 80500 lbs				
Apply Kelso JS75XHS safety valve, AAR Increase gross rail load to 286,000 lbs New Tare Weight: 80500 lbs	₹#PRD 079004	RAWING NUMBER	. AAI	R CERTIFICATE NUMBER
Apply Kelso JS75XHS safety valve, AAR Increase gross rail load to 286,000 lbs New Tare Weight: 80500 lbs 16. Pertinent approved drawings: DRAWING TITLE A. General Arrangement	R #PRD 079004	M-042-30145RP14		
Apply Kelso JS75XHS safety valve, AAR Increase gross rail load to 286,000 lbs New Tare Weight: 80500 lbs 16. Pertinent approved drawings: DRAWING TITLE A. General Arrangement B. Fittings Arrangement	R #PRD 079004	M-042-30145RP14 F-020-2015		M156094 M156094
Apply Kelso JS75XHS safety valve, AAR Increase gross rail load to 286,000 lbs New Tare Weight: 80500 lbs 16. Pertinent approved drawings: DRAWING TITLE A. General Arrangement B. Fittings Arrangement C. Jacket Support Assy	R #PRD 079004	M-042-30145RP14 F-020-2015 J-012-80010		M156094 M156094 M156094
Apply Kelso JS75XHS safety valve, AAR Increase gross rail load to 286,000 lbs New Tare Weight: 80500 lbs 16. Pertinent approved drawings: DRAWING TITLE A. General Arrangement B. Fittings Arrangement C. Jacket Support Assy D. BOV Arrangement	D	M-042-30145RP14 F-020-2015 J-012-80010 V-014-80279		M156094 M156094 M156094 C156108 (see notes)
Apply Kelso JS75XHS safety valve, AAR Increase gross rail load to 286,000 lbs New Tare Weight: 80500 lbs 16. Pertinent approved drawings: DRAWING TITLE A. General Arrangement B. Fittings Arrangement C. Jacket Support Assy D. BOV Arrangement	D	M-042-30145RP14 F-020-2015 J-012-80010 V-014-80279		M156094 M156094 M156094
Apply Kelso JS75XHS safety valve, AAR Increase gross rail load to 286,000 lbs New Tare Weight: 80500 lbs 16. Pertinent approved drawings: DRAWING TITLE A. General Arrangement B. Fittings Arrangement C. Jacket Support Assy D. BOV Arrangement E.	e as F-020-2002 ene as V-014-80116	M-042-30145RP14 F-020-2015 J-012-80010 V-014-80279 Except for the grade of stee of except the attachment of the company of	el of the protective of the brackets is w	M156094 M156094 M156094 C156108 (see notes) e housing and the specific valves velded instead of bolted. AAR requirements, including
Apply Kelso JS75XHS safety valve, AAR Increase gross rail load to 286,000 lbs New Tare Weight: 80500 lbs 16. Pertinent approved drawings: DRAWING TITLE A. General Arrangement B. Fittings Arrangement C. Jacket Support Assy D. BOV Arrangement E. F. 17. Revisions and Notes: Fittings drawings F-020-2015 is the same used. BOV drawing V-014-80252-02 is the same the cars listed above conform to all specifications, regulations, rules of	e as F-020-2002 ene as V-014-80116	M-042-30145RP14 F-020-2015 J-012-80010 V-014-80279 xcept for the grade of stee accept the attachment of the DOT safety applies MAINTENANCE	el of the protective of the brackets is w	M156094 M156094 M156094 C156108 (see notes) e housing and the specific valves velded instead of bolted. AAR requirements, including
Apply Kelso JS75XHS safety valve, AAR Increase gross rail load to 286,000 lbs New Tare Weight: 80500 lbs 16. Pertinent approved drawings: DRAWING TITLE A. General Arrangement B. Fittings Arrangement C. Jacket Support Assy D. BOV Arrangement E. F. 17. Revisions and Notes: Fittings drawings F-020-2015 is the same used. BOV drawing V-014-80252-02 is the same used. The cars listed above conform to all specifications, regulations, rules of increase in the cars of the same used.	e as F-020-2002 ene as V-014-80116 I approvals mentinterchange and	M-042-30145RP14 F-020-2015 J-012-80010 V-014-80279 Except for the grade of stee of except the attachment of the DOT safety applies th	el of the protective of the brackets is we cable DOT and Annee standards.	M156094 M156094 M156094 C156108 (see notes) e housing and the specific valves welded instead of bolted. AAR requirements, including

Recorded By:	Melissa Pilot	/Comments:	

1. To AAR Executive Director-Tank Ca	r Safety 2a. Car Mark	TILX 2b. Car Number 199062		
3. Reported by: Sabrina Luevano	4. RAIL MAINTENANCE	Date work performed: 06/04/2018		
	SERVICES	SI Ref# :		
6. Report of: Tank Repairs: —	Alterations			
•	uilt By:	TRIN - Trinity		
9. Original AAR Certificate No:	_066070 10. Commodit	y:4909152(ETHYL-ALC-ANHYD)		
11. Constructed car spec:111/	4100W1 12. Car spec (after this work):111A100W1		
13. Stenciled spec (after this work):				
14.Tank repairs: (Ref. M-1002 Appendi A) Nature and location of defect:	x R, Fig. R2)			
NA				
B) Procedure and defect:				
NA				
Apply 11 gage jacket, 0.5" jacket head and 0.5" thick thermal protection (ceramic fiber blanket) Apply disengageable BOV handle Change protective housing to 1/2" thick, bolt-on Apply Kelso JS75XHS safety valve, AAR #PRD 079004 Increase gross rail load to 286,000 lbs New Tare weight: 79000 lbs 16. Pertinent approved drawings: DRAWING TITLE DRAWING NUMBER AAR CERTIFICATE NUMBER				
A. General Arrangement	M-042-30145RP14	M156094		
B. Fittings Arrangement	111 0-12 00 1-101 (1 1-1			
r ittingo rarangement		M156094		
C. Jacket Support Assy.	F-020-2011 (see notes			
C. Jacket Support Assy. D. BOV Arrangement	F-020-2011 (see notes J-012-80010	M156094		
C. Jacket Support Assy. D. BOV Arrangement	F-020-2011 (see notes J-012-80010	M156094 M156094 C156108 (see notes)		
C. Jacket Support Assy. D. BOV Arrangement E. F. 17. Revisions and Notes: Fittings drawings F-020-2011 is the same as used. BOV drawing V-014-80058-07 is the same as	F-020-2011 (see notes J-012-80010 V-014-80058-07 (Jamesbury) s F-020-2002 except for the grade of s as V-014-80058-01 except for the gash oprovals mentioned and to all app	M156094 M156094 C156108 (see notes) teel of the protective housing and the specific valves set materials.		
C. Jacket Support Assy. D. BOV Arrangement E. F. 17. Revisions and Notes: Fittings drawings F-020-2011 is the same as used. BOV drawing V-014-80058-07 is the same as used. The cars listed above conform to all apspecifications, regulations, rules of interpretations.	F-020-2011 (see notes J-012-80010 V-014-80058-07 (Jamesbury) s F-020-2002 except for the grade of s as V-014-80058-01 except for the gash oprovals mentioned and to all apperchange and the DOT safety app	M156094 M156094 C156108 (see notes) teel of the protective housing and the specific valves set materials.		
C. Jacket Support Assy. D. BOV Arrangement E. F. 17. Revisions and Notes: Fittings drawings F-020-2011 is the same as used. BOV drawing V-014-80058-07 is the same as specifications, regulations, rules of interpretations.	F-020-2011 (see notes J-012-80010 V-014-80058-07 (Jamesbury) S F-020-2002 except for the grade of set of the grade of	M156094 C156108 (see notes) teel of the protective housing and the specific valves set materials. licable DOT and AAR requirements, including liance standards.		

Recorded By:	Sabrina Luevano	Comments:	