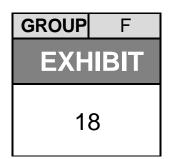


NATIONAL TRANSPORTATION SAFETY BOARD Investigative Hearing

Norfolk Southern Railway general merchandise freight train 32N derailment with subsequent hazardous material release and fires, in East Palestine, Ohio, on February 3, 2023



Agency / Organization

GATX Corporation

Title

AAR Pressure Relief Device Approvals, February 22, 2023.

Docket ID: DCA23HR001







April 24, 2023

Subject: NTSB Investigation RRD23MR005

02-03-23 East Palestine, Ohio, Derailment

GATX095098 Safety Valve Approval Information

The following is the safety valve approval information:

1. MIDLAND_AAR PRD132003 Previous 4-7 Approval

2. MIDLAND_AAR PRD232101 Latest 4-7 Approval



APPLICATION FOR RENEWAL OF APPROVAL FOR VALVES AND FITTINGS

		1. AA	R APP	ROVAL NoF	PRD132003
		2. Dat	te of Ap	plication $\frac{2/1}{}$	2/13
	Midlered Mary of a structure	3. Pre	vious A	AR Approval _	PRD022020
4.	Applicant: Midland Manufacturing	,			
	Address: 7733 Gross Point Road; Skokie, IL 6007				
6.	Drawing No. See Attached 7. Latest rev. S	ee Attached	_ 8. Da	te of latest rev.	See Attached
9.	Description of device: Pressure Relief Valve		_10. De	vice ID No. <u>A-3</u>	400 / A-3404 Series
CE	ERTIFICATION: The subject device is unchange latest revision of AAR Specific	_	-		
	with drawing listed above.	ations for 1	alik Cal	s, Appendix A.	The device comorms
11.	By:	Title:			
	If device is changed since latest	approval, fil	l in the	following blank	s
12.	Reference Previous Drawing New	Drawing			If on Service Trial
	No. SeeRev.DateNo. SeeNo. AttachedRev.DateNo. Attached	See]	Rev	_ Date	S.T. No S.T. No S.T. No
	No. Attached Rev. Date No. A	acneu	Rev	_ Date	S.T. No
	No Rev Date No		Rev	_ Date	S.T. No
13.14.	CHANGES	loes not obso a. <u>Se</u> b.	RE ee Atta	ASONS FOR C	HANGES
	c	c.			
	d				
	(if needed use supplemental sheet)				
15.	Normal operational effect of changes of device:	None			
16.	Drawing submitted with this application: See	Attached			
CE	RTIFICATION: The above data is correct and Appendix A. The device conf				for Tank Cars,
17.	By:	_ Title:_	Prod	uct Engineer	
A D	DDOVAL AAD Tonk Con Committee:				
	PROVAL AAR Tank Car Committee: e Approved: JUN 04 2013		(Sign	ature) on behalf	of Complittee

Form AAR 4-7 12/1/2000

APPLICATION FOR RENEWAL OF APPROVAL FOR PRESSURE RELIEF DEVICES, VALVES, CLOSURES, AND FITTINGS

					RD232101		
		2. Date of Application					
		3	. Previous AA	R Approval _			
4. Applicant:							
5. Address:							
6. Drawing No		Latest rev	8. Da	ate of latest re			
Description of devi	ce:		10. De	evice ID No.			
		AR Specification			, and conforms with A. The device conf		
11. By:			Title:				
I	f device is change	l since latest ap	proval, fill in t	he following	blanks		
12. Reference Previou	us Drawing	New Dra	awing		If on Service Tri		
No.	Rev. Date	No.	Rev.	Date	S.T. No		
No	RevDate_	No	Rev	Date	S.T. No		
No	RevDate	No.	Rev.	Date	S.T. No.		
14. a b c	CHANGES		b c		IS FOR CHANGES		
	1 1		_ d				
(if needed	use supplemental	sheet)					
15. Normal operation	al effect of change	s of device:					
16. Drawing submitte	ed with this applica	tion:					
CERTIFICATION:	The above data Appendix A. T				cations for Tank Cars, ove.		
17. By:			Title:				
APPROVAL AAR Ta	nk Car Committee						
3/3/2023							
Approved: 3/3/2023				-motume) 1	shalf of Ciu		
				mature) on b	ehalf of Committee		

Form AAR 4-7 8/1/2014

Supplemental Information for Form 4-7 (page 2)

	7. Latest	8. Date of Latest	
6. Drawing No.	Rev.	Rev.	9. Description of Device
A-3400/A-3404	N	6/6/2018	PRESSURE RELIEF VALVE
A-3480-TF	D	6/6/2018	PRESSURE RELIEF VALVE
A-3400-SSR	J	6/6/2018	PRESSURE RELIEF VALVE
A-3400-SSRS	В	6/6/2018	PRESSURE RELIEF VALVE
A-34145-W	Α	6/6/2018	PRESSURE RELIEF VALVE

12. Reference Previous Drawing			New Drawing						
No.	Rev.	Date.	No.	Rev.	Date.	14. Changes	Reason for Changes	Comments	
						Additional of suplemental nameplate. Upgraded seal			
						wire material from lead to stainless steel for food	Product improvement		
A-3400/A-3404	K	1/31/2013	A-3400/A-3404	N	6/6/2018	grade models.			
						Additional of suplemental nameplate. Upgraded seal		Variation of A-3400 Series valve	
						wire material from lead to stainless steel for food	Product improvement	(A-3480) to include Teflon (TFE)	
A-3480-TF	С	1/31/2013	A-3480-TF	D	6/6/2018	grade models.		coated body and top guide	
						Additional of suplemental nameplate. Upgraded seal			
						wire material from lead to stainless steel for food	Product improvement	Variation of A-3400 Series valves	
A-3400-SSR	Н	1/31/2013	A-3400-SSR	J	6/6/2018	grade models.		to include stainless steel retainer	
						Additional of suplemental nameplate. Upgraded seal		Variation of A-3400 Series valves	
						wire material from lead to stainless steel for food	Product improvement	to include stainless steel retainer	
A-3400-SSRS	Α	1/31/2013	A-3400-SSRS	В	6/6/2018	grade models.		and spring	
								Variation of A-3400 series with	
			A-34145-W	Α	6/6/2018			dust cap	

16. Drawings submitted for this application:

A-3400/A-3404
A-3480-TF
A-3400-SSR
A-3400-SSRS
A-34145-W

CHP: 2/22/23