APPLICATIO	ON FOR APPRO	OVAL OF VALVES, C	CLOSURES A	AND FITTING	GS
Applicant Midland Manufacturing Corp Description of Device * Top	Valve for use as Vap	or and Liquid Valves	AAR	No. E19	2102
Applicant No	Device Id	dent. A-720/A-724 Series	Date 3/1	15/2018	
Manufacturer Midland Manufacturer					
2. Address 7733 Gross Point Rd		City Sko	okie	State IL	Zip
3. Test facility if other than the	e manufacturer Gayne	s Lab 4. Observe	Address r See Supplemental		
TEST PROCEDURE: 5. Description of prototype test	ting See supplemental	Title: _			
6. Cycles Min. Temp.	@ Pressure	Cycles Max. Temp.	@ Pressurepsi	Test Medium	Remarks
See SupplementalC	psi kPa	°F	kPa	1=====	
Cycles Min. Temp.		Cycles Max. Temp.	@ Pressure	Test Medium	Remarks
°F	kPa	°F	psi		
°C		°C	kPa	Tost Madium	V am aulsa
Cycles Min. Temp.	@ Pressurepsi	Cycles Max. Temp.	@ Pressure	Test Medium	Remarks
c	kPa		kPa	-	
7 0 15 P 1 1 1 0	- 1°		. Comment:	L'	
7 Commodity: Regulated Comm 8 Flow rate (if applicable)	nodity <u>L▼</u> INon Regulation (Commodity Specification (Commodity L/min)	c Commodi ty AA	VEO/Mercaptan/VCN	1
Applicable drawings	Material	Drawing Number latest revision	Drawing Nu	Precedent mber Applic	ation/Certificate
9. Device application					
10. Device assembly .	Ductile Iron	A-720/A-724 REV V			
11. Device details	See Supplemental	O AAR M-1003 C4 AND C5 AND	ISO 9001		
12. Quality Control Statement MII	PENIED IS CENTIFIED I	C WILLIAM OF VIAN CO WAN	100 000 1		
REVISIONS:			-		
CERTIFICATION The abov	re data is correct and	d conforms with AAR Spec	cifications for T	ank Cars, Appen	dix A. The device
tested con	form with drawings	listed above.			
By Khiem Q Hoang		Title Engin	neering Manager		
ADDDOVAL AAD TL-CC-	mmittee Carries To	ial Daguirad			
APPROVAL AAR Tank Car Co Date Approved for Service Trial	ommittee Service Tr	nai Kequired		٥.	190
Date Approved for Service Trial	5/31/201	18	0 -	1 L	
and the same of th			my	half Tank Ca	Committee
Service Trial Number	71	- (S	ignature) on W		
and the same of th	ommittee Service Co	(Sompleted / Not Required	be		
Service Trial Number		mpleted / Not Required	be		
Service Trial Number APPROVAL AAR Tank Car Co Date Service Trial Completed		ompleted / Not Required	Winner		2
APPROVAL AAR Tank Car Co Date Service Trial Completed Date Approved 3/2/2024		ompleted / Not Required	Tunne	tl Dose	7
APPROVAL AAR Tank Car Co Date Service Trial Completed Date Approved 3/2/2024 Expiration Date 5/31/2028					
APPROVAL AAR Tank Car Co Date Service Trial Completed Date Approved 3/2/2024 Expiration Date 5/31/2028				tl BDose	
APPROVAL AAR Tank Car Co Date Service Trial Completed Date Approved 3/2/2024				tl BDose	

