## APPLICATION FOR APPROVAL OF VALVES, CLOSURES AND FITTINGS

Applicant MIDLAND MANUFACTURING					AAR No. E192100			
		2 INCH AND 3 INCH BALL	VALVE, FULL	PORT				
Applicant No.	N/A	Device	Ident. No.	A-7200/A-7240; A-73	00/A-7340 Date 7	/19/2017 R	EV 6/24/19	)
<ol> <li>Test facility if other than the manufacturer MIDLAND / DATASYST / CEESI</li> <li>Test date 07/2016-07/2017 4. C</li> </ol>					City SKOKIE State IL. Zip 60077  Address SKOKIE, IL. / DALAFIELD, WI. / NUNN, CO.  Dbserver ERIK CLEMENS-MIDLAND/JOHN BIESZK-DATASYST/BRYAN TROSEL-CEESI  Title: MFG. ENG / LAB TECH / ENG. MANAGER			
	on of prototype tes	sting: BURST TEST: 1500 F 2/182 Hz & 5/6G, 20 SHOCKS (		HAND 1200 PSIG FOR 3 IN	ICH; FLOW TEST: ESTA	BLISHED Cv;	CYCLE TEST	: 2000 CYCLES @ 80 PSIG;
6. Cycles 6000	Min. Temp.  70 °F °C	@ Pressure 275	Cycles	Max. Temp.	@ PressurepsikPa	Test Medium AIR		Remarks NO LEAKS
Cycles	Min. Temp.	@ PressurepsikPa	Cycles	Max. Temp.	@ PressurepsikPa	Test M	ledium	Remarks
Cycles	Min. Temp.	@ PressurepsikPa	Cycles	Max. Temp.	@ PressurepsikPa	Test Medium		Remarks
	y: Regulated Comm if applicable) 143 AM		lated Comr	modity Specific L/min)	c Commodity			
A If a late of the second		Material	Drawing Number		Precedent			
9. Device application		CARBON STEEL/316 STAINLESS	latest revision  A-7200 (D),A-7300 (B) / A-7240 (D),A-7340 (B)		Drawing Nu	awing Number Appli		ation/Certificate
<ul><li>10. Device assembly</li><li>11. Device details</li></ul>								
12. Quality Co	ntrol Statement MI	DLAND IS CERTIFIED	TO AAR M-10	002/M-1003 C4 AND	C5 AND ISO 9001			
REVISIONS: CERTIFICAT		form with drawings	listed abov			ank Cars	, Append	lix A. The devices
Date Approved	for Service Trial _	mmittee Service Tr 11/16/2020	rial Requir	red	Kinne	#B	Da	sez
Service Trial Number ST- 479					(Signature) on behalf of Tank Car Committee			
APPROVAL A	AAR Tank Car Co	mmittee Service C	ompleted /	Not Required				
Date Service T	rial Completed							
Expiration Date	te							
				(Si	gnature) on bel	nalf of Ta	nk Car	Committee