## AAR Manual of Standards and Recommended Practices Specifications for Tank Cars

M-1002

CHAPTER 1

Applicant		APPLICATIO	N FOR APPR	ROVAL O	F VALVES, C	LOSURES,				
Descriptio	n of D	evice2" Angle Va	atve							
			Devie	e Ident, No.	K2AV Series	Date	5/23/16			
Applican	t No			e Ident. No		Date	GILGITO			
1. Man	ufacture	Kelso Technolo	gies Inc.			-14-	D-Wel	0.0		
<ol> <li>Address 7773-118A Street</li> <li>Test facility if other than th</li> </ol>			manufacturer		City Address		State British Columbizip Canada V4C			
		4/15/18			4. Observe					
					Title:	Staff Enginee	r	_		
TEST PI	ROCEI	OURE	ing. High and Low	Temp. Testing	(190F & -20F); Shoc	k and Vibration; Hi	gh and Low p	ressure t	testing at different	
					ducted at room temp					
		NC. 7	@P.	Gui	Mar T	() Providence	Tert M		D. 1	
6. Cyc 10	les	Min. Temp. -20 °F	@ Pressure 500 psi	Cycles 10	Max. Temp. 190 F	@ Pressure 	Test Med Nitrogen	m	Remarks No Leaks	
10		-28 °C		10	130 T		Nitrogen		NU LUAKS	
Cycl	es	Min. Temp.	@ Pressure	Cycles	Max. Temp.	@ Pressure	Test Med	lium	Remarks	
10		-20 °F		10	<u>190</u> °F	<u>30 psi</u>	Nitrogen	_	No Leaks	
10		<u>-28</u> °C	kPa		<u>88</u> °C	<u>206 kPa</u>	Nitrogen			
Cycl	ය	Min. Temp.	@ Pressure	Cycles	Max. Temp.	@ Pressure	Test Med	lium	Remarks	
10		_40°F	<u>500</u> psi	10	<u>190</u> °F	<u>500</u> psi	Nitrogen		No Leaks	
10		<u>-40</u> °C	<u>kPa</u>	10	<u>88</u> °C	<u>3447_kPa</u>				
An	Applicable drawings				ing Number st revision	Pre Drawing Number		ecedent Application/Certificate		
9. Device application		SS, CS		23/2016) (2 pages)						
10. Devi	ce asset	nbly	SS, CS	K2AV (5/2	23/2016) (2 pages)					
11. Devi	ce detai	ls	SS, CS		23/2016) (2 pages)				1000 100 11	
12. Qual	ity Con	COLSCREEMENT	so has adhered to a ng by the AAR.	strict quality co	ontrol system that has	granted Kelso a	Code B85, B8	96, C4 an	nd C5" certification	
		195	ig by dio rent.							
REVISIO										
CERTIE	ICATI		e data is correct		is with AAR Spe	cifications for 1	Fank Cars,	Append	lix A. The dev	
	1	1/1		Ba manda acco		T		A.	1	
Ву	14	V VA	<u> </u>		Title	Engine	errys		ingr.	
	/	AR Tank Car Qo		Trial Requi	red	or N	40			
		for Service Trial	3/7/2017			lennet	Kho	end		
Service 7	Trial Nu	mber <u>5</u>	Г-467			lignature) on be	abalf of Tax		Committee	
-					(4	nguature) ou p		INCAL		
APPRO	VALA	AR Tank Car Co	mmittee Service	Completed	/ Not Required					
Date Ser	vice Tri	al Completed			Date AAI	Received Form	n AAR 4-6			
Date Ap	proved									
5.										
Expiratio	orm AAR 4-5 Revised 10/2014					(Signature) on behalf of Tank Car Committee				