

APPLICATION FOR APPROVAL OF PRESSURE RELIEF DEVICE

AAR NO. PRD-119027

Applicant's No. _____

Date 6/38/2011

Device identification No. JS165LT

APPROVAL REQUESTED OF AAR TANK CAR COMMITTEE

Applicant KELSO TECHNOLOGIES INC.

1. Manufacturer KELSO TECHNOLOGIES INC.
 Address 7773-118A Street, North Delta, BC, CANADA, V4C-6V1
2. Test facility CEESI 3. Location NUNN COLORADO
 4. Test date JAN. 11, 2007 5. Observer TOM KEGEL

6. Device Number	7. Start-to-discharge		8. Flow rating		9. Vapor-tight		10. Flow capacity	
	psi	kPa	psi	kPa	psi	kPa	SCFM	std.m ³ /s
1-165	165	1138	182.4	1257	161	1110	3456	1.631
2-165	165.8	1143	181.8	1253	162.1	1118	3402	1.606
3-165	166.8	1150	182	1255	163	1124	3476	1.640

11. Official flow capacity (air) 3445 scfm (1.626 std. m³/s) at flow rating pressure 182 psi (1255 kPa)
 Test medium AIR

12. Commodities NITROGEN FERTILIZER SOLUTION AND OTHER HAZARDOUS AND NON-HAZARDOUS CHEMICALS

The following drawings apply	Drawing number Latest revision	Precedent	
		Drawing number	Application/ Certificate
13. Valve Assembly.....	<u>201072</u>	<u>201026</u>	<u>E-079003</u>
*14. Valve Mounting Nozzle.....	<u>NONE</u>	_____	_____
15.	_____	_____	_____
16.	_____	_____	_____

REVISIONS:

CERTIFICATION: The above data is correct. The capacity test complies with AAR Specifications for Tank Cars, Appendix A and the devices tested conform with the drawings listed above.

By: Neil Gambow Title President

APPROVAL AAR Tank Car Committee

Date Approved SEP 28 2011

Kenneth B. Dorsey

(Signature) on behalf of Tank Car Committee

* When the design of a pressure relief device is such that the spring follower is guided by the mounting nozzle, the mounting nozzle shall be considered as a required part of the application and a drawing of the nozzle in sufficient detail to show critical dimensions shall be included. When the pressure relief device design does not require the mounting nozzle to act as a guide for the spring follower the word "None" can be used in the space for this item.

SERVICE TRIAL # ~~ST-439~~ **ST-441**