

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

CHAPTER 1

M-1002

**APPLICATION FOR APPROVAL OF PRESSURE RELIEF DEVICE**

AAR NO. PRD- 172102

APPROVAL REQUESTED OF AAR TANK CAR COMMITTEE

Applicant Kelso Technologies Inc.

Applicant's No. \_\_\_\_\_  
Date 7/18/16  
Device identification No. PC330H Series  
PC280.5H Series

1. Manufacturer Kelso Technologies Inc.  
Address 7773-118A Street Delta, British Columbia Canada V4C 6V1

2. Test facility name CEESI 3. Test facility location Nunn, CO  
4. Test date 6/14/16 5. Observer Jason Taylor

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 <sup>3</sup> /s
7	325.93	2247	362.76	2501	289.89	1998	33079	16.03
9	329.18	2269	362.79	2501	297.89	2053	33861	15.99
10	330.93	2281	362.93	2502	292.89	2019	33762	15.94

11. Official flow capacity (air) 33,674 acfm ( 15.96 std. m<sup>3</sup>/s) at flow rating pressure 363 psi ( 2502 kPa)  
Test medium Air

12. Commodity:  Regulated Commodity  Nonregulated Commodity  Specific Commodity \_\_\_\_\_  
\*\*Valves are for Pressure Cars\*\*

The following drawings apply	Drawing number Latest revision	Precedent	
		Drawing number	Application/ Certificate
13. Valve Assembly.....	PC330H Series Original Release: 6/18/2016	_____	_____
14. Valve Mounting Nozzle.....	N/A	_____	_____
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: [Signature] Title Engineering

APPROVAL of Service Trial by AAR Tank Car Committee  
AAR Service Trial Required Service Trial Number: ST- 468

Date Approved for Service Trial 3/14/2017

[Signature]  
(Signature) on behalf of Tank Car Committee

APPROVAL of Design by AAR Tank Car Committee  
AAR Service Trial Required Service Trial Number: ST- \_\_\_\_\_

Date Service Trial Completed \_\_\_\_\_ Date AAR Received Form AAR 4-6 \_\_\_\_\_

Date Approved \_\_\_\_\_  
Expiration Date \_\_\_\_\_

[Signature]  
(Signature) on behalf of Tank Car Committee

Form AAR 4-3 Revised 07/2014

Fig. 1.3 Form AAR 4-3 Application for Approval of Pressure Relief Device