

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

CHAPTER 1

M-1002

**APPLICATION FOR RENEWAL OF APPROVAL FOR PRESSURE RELIEF
DEVICES, VALVES, CLOSURES, AND FITTINGS**

1. AAR APPROVAL No. E232100
 2. Date of Application 01-09-2022
 3. Previous AAR Approval E139500
 4. Applicant: Metal Goods Manufacturing Company, Inc.
 5. Address: 428 W. 8th Street, Bartlesville, OK 74003
 6. Drawing No. 275 7. Latest rev. 6 8. Date of latest rev. 09/18/2019
 9. Description of device: Magnetic Gaging Device 10. Device ID No. 275

CERTIFICATION: The subject device is **unchanged** from the previous approval, and conforms with the latest revision of AAR Specifications for Tank Cars, Appendix A. The device conforms with drawing listed above.

11. By: _____ Title: _____

If device is **changed** since latest approval, fill in the following blanks

12. Reference Previous Drawing	New Drawing	If on Service Trial
No. <u>275</u> Rev. <u>4</u> Date <u>05/19/16</u>	No. <u>275</u> Rev. <u>5</u> Date <u>01/28/19</u>	S.T. No. <u>N/A</u>
No. <u>275</u> Rev. <u>6</u> Date <u>09/18/19</u>	No. _____ Rev. _____ Date _____	S.T. No. _____
No. _____ Rev. _____ Date _____	No. _____ Rev. _____ Date _____	S.T. No. _____

13. New drawing supersedes previous one or does not obsolete it

CHANGES

REASONS FOR CHANGES

- | | |
|-----------------------------------|--|
| 14. a. <u>Drawing was redrawn</u> | a. <u>Updated Bill of Material / Material Notes / Corrected Part Numbers</u> |
| b. _____ | b. _____ |
| c. _____ | c. _____ |
| d. _____ | d. _____ |
- (if needed use supplemental sheet)

15. Normal operational effect of changes of device: None

16. Drawing submitted with this application: 275, Sh. 2B Rev. 6

CERTIFICATION: The above data is correct and conforms with AAR Specifications for Tank Cars, Appendix A. The device conforms with drawing listed above.

17. By: *Harley Gray* Title: Vice President

APPROVAL AAR Tank Car Committee:

Date Approved: 3/3/2023

Kenneth B. Dorsey

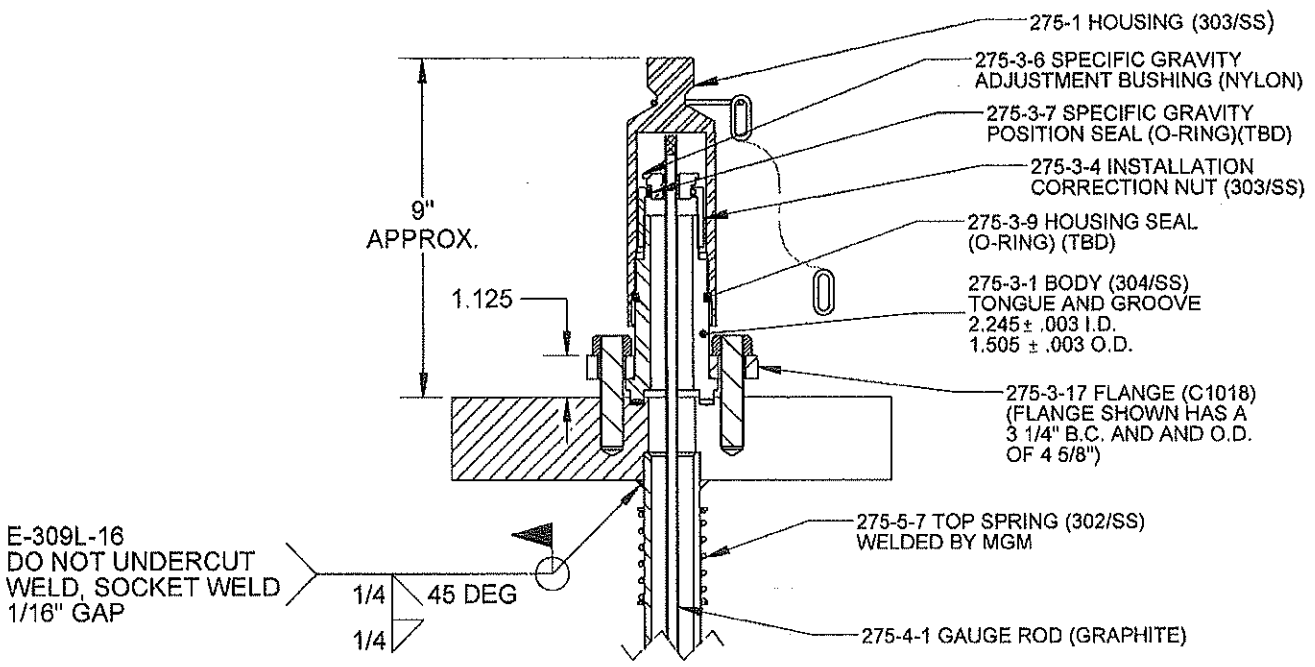
(Signature) on behalf of Committee

Form AAR 4-7 8/1/2014

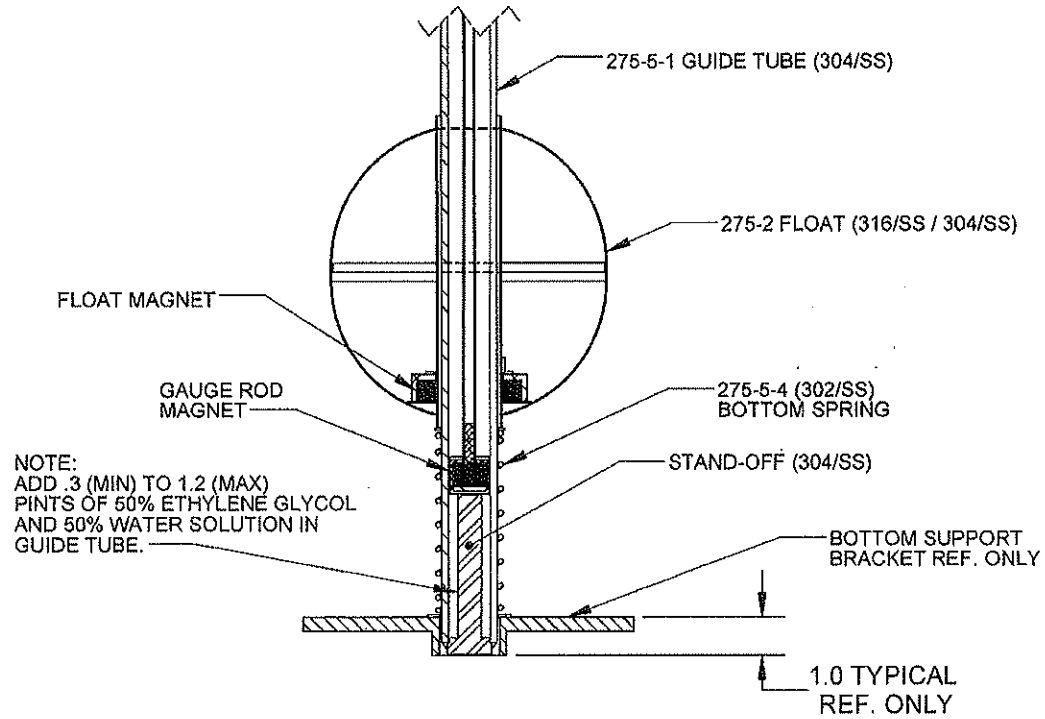
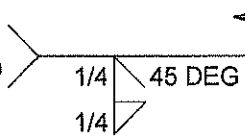
IMPLEMENTED 12/2019

Fig. 1.5 Form AAR 4-7 Application for Renewal of Approval for Pressure Relief Devices, Valves, Closures, and Fittings

APPLICATION		REVISIONS		
NEXT ASSY.	USED ON	REV.	DESCRIPTION	DATE
		2	CHANGED DESCRIPTION NUMBERS	4-1-16
		3	CORRECTED PART NUMBERS	4-11-16
		4	REDRAWN WITH REDESIGNED PARTS	5-19-16
		5	ADDED MATERIAL NOTES	1-28-19
		6	ADDED 304/SS TO FLOAT MATERIAL	9-18-19



E-309L-16
DO NOT UNDERCUT
WELD, SOCKET WELD
1/16" GAP



NOTE:
ADD .3 (MIN) TO 1.2 (MAX)
PINTS OF 50% ETHYLENE GLYCOL
AND 50% WATER SOLUTION IN
GUIDE TUBE.

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:

FRACTIONS	DECIMALS	ANGLES
± .015	.XX ± .015	± 1°
	.XXX ± .005	

CONTRACT NO.



METAL GOODS MANUFACTURING
428 W. 8TH STREET
BARTLESVILLE, OK. 74003

APPROVALS		DATE	TITLE
DRAWN	S. PIERCE	5-19-16	275 MAGNETIC GAUGING DEVICE
CHECKED	<i>LLS</i>	9-18-19	
MATERIAL	ENGR.		
FINISH	REVISED BY S. PIERCE	9-18-19	
DO NOT SCALE DRAWING			

SIZE	PART NO.	DWG. NO.	REV.
A	275A	275	6

SCALE	WEIGHT	SHEET
1:5		2B