

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

1. AAR APPROVAL No. E222114A  
 2. Date of Application 7/28/2022\_4/24/2014 rev 4/7/2026  
 3. Previous AAR Approval E222114, E142002
4. Applicant: MIDLAND MANUFACTURING  
 5. Address: 7733 GROSS POINT ROAD
6. Drawing No. SEE PAGE 1 7. Latest rev. SEE PAGE 1 8. Date of latest rev. SEE PAGE 1  
 9. Description of device: 4" BOTTOM OUTLET VALVE 10. Device ID No. A-541 THRU A-549 SERIES

**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>SEE PAGE 1</u> Rev. <u>SEE</u> Date <u>SEE</u>	No. <u>SEE</u> Rev. <u>SEE</u> Date _____	S.T. No. _____
No. _____ Rev. <u>PAGE</u> Date <u>PAGE</u>	No. <u>PAGE</u> Rev. <u>PAGE</u> Date _____	S.T. No. _____
No. _____ Rev. <u>1</u> Date <u>1</u>	No. <u>1</u> Rev. <u>1</u> Date _____	S.T. No. _____

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

CHANGES

REASONS FOR CHANGES

14. a. SEE SUPPLEMENTAL PAGE 2 a. SEE SUPPLEMENTAL PAGE 2  
 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: SEE PAGE 1

**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: Kaysat Pankiewicz Title: SENIOR ENGINEER

APPROVAL AAR Tank Car Committee:

Date Approved: 4/22/2026

Kenneth B. Dorsey  
 (Signature) on behalf of Committee