

APPLICATION FOR RENEWAL OF APPROVAL FOR VALVES AND FITTINGS

1. AAR APPROVAL No. E-2040200
 2. Date of Application 3/11/2020
 3. Previous AAR Approval E-091024

4. Applicant: The Greenbrier Companies
 5. Address: 100 Clark Street, St. Charles, MO 63301
 6. Drawing No. 4-Y-2187 / 4-Y-2532 / 4-Y-2535 7. Latest rev. G/G/H
 8. Date of latest rev. 8-14-15 / 12-30-14 / 12-30-14
 9. Description of device: Vacuum Relief Valve 10. Device ID No. 1626F / 1626 / 1626A

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>4-Y-2187</u> Rev. <u>A</u> Date <u>9-01-09</u>	No. <u>4-Y-2187-01</u> Rev. <u>G</u> Date <u>9-11-17</u>	S.T. No. _____
No. <u>4-Y-2532</u> Rev. <u>B</u> Date <u>9-16-09</u>	No. <u>4-Y-2532</u> Rev. <u>G</u> Date <u>12-30-14</u>	S.T. No. _____
No. <u>4-Y-2535</u> Rev. <u>A</u> Date <u>9-02-09</u>	No. <u>4-Y-2535</u> Rev. <u>H</u> Date <u>12-30-14</u>	S.T. No. _____

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

CHANGES

14. a. Added vertical ribs on body
 b. Removed tack welds on sight glasses & screen
 c. Added Loctite for sight glasses & thumbscrews
 d. Added Nameplate for valve info
 e. Added serial number stamp on top of body
 f. Minor changes to valve set pressure tolerances

REASONS FOR CHANGES

- a. To get screen away from body to increase air flow
 b. Weld was breaking glass, not needed for screen
 c. To replace tack weld & secure thumbscrews
 d. Required for new AAR rule
 e. Required for new AAR rule
 f. To match new AAR tolerance changes

(if needed use supplemental sheet)

15. Normal operational effect of changes of device: None


16. Drawing submitted with this application: 4-Y-2187-01 Rev G, 4-Y-2532 Rev G, 4-Y-2535 Rev H

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: Chris Reckker  Title: Manager – Special Products Engineering

APPROVAL AAR Tank Car Committee:

Date Approved: 10/13/2020


 (Signature) on behalf of Committee