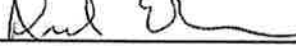


**APPLICATION FOR RENEWAL OF APPROVAL FOR PRESSURE RELIEF  
DEVICES, VALVES, CLOSURES, AND FITTINGS**

1. AAR APPROVAL No. E172117  
 2. Date of Application 6/23/2017  
 3. Previous AAR Approval E079030  
 4. Applicant: Metso  
 5. Address: 44 Bowditch Dr, Shrewsbury, MA 01545-8044  
 6. Drawing No. 5300 7. Latest rev. C 8. Date of latest rev. 3/21/2002  
 9. Description of device: 2" STD PORT LIQUID / VAPOR VALVE 10. Device ID No. 5RNT

**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: David Escobar  Title: Director of Engineering

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

12. Reference Previous Drawing	New Drawing	If on Service Trial
No. _____ Rev. ___ Date _____	No. _____ Rev. ___ Date _____	S.T. No. _____
No. _____ Rev. ___ Date _____	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. \_\_\_\_\_ a. \_\_\_\_\_  
 b. \_\_\_\_\_ b. \_\_\_\_\_  
 c. \_\_\_\_\_ c. \_\_\_\_\_  
 d. \_\_\_\_\_ d. \_\_\_\_\_  
 (if needed use supplemental sheet)


15. Normal operational effect of changes of device: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

16. Drawing submitted with this application: \_\_\_\_\_

**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: \_\_\_\_\_ Title: \_\_\_\_\_

APPROVAL AAR Tank Car Committee:

Date Approved: 9/15/2017   
 (Signature) on behalf of Committee