

## APPLICATION FOR APPROVAL OF VALVES, CLOSURES, AND FITTINGS

Applicant: McKenzie Valve and Machining LLC. AAR No. E-237035  
Description of Device: Magnetic Gauge Device

Applicant No. \_\_\_\_\_ Device Ident. No. MVMG Date 8/6/2024

1. Manufacturer McKenzie Valve and Machining LLC.  
2. Address 145 Airport Road City McKenzie State TN Zip 38201  
3. Test facility if other than the manufacturer \_\_\_\_\_ Address \_\_\_\_\_  
4. Test date \_\_\_\_\_ 4. Observer \_\_\_\_\_  
Title: \_\_\_\_\_

### TEST PROCEDURE

5. Description of prototype testing: See document "McKenzie Magnetic Gauge Device Testing Report" and "McKenzie Universal Magnetic Gauge Testing Report"

6. Cycles N/A	Min. Temp. N/A °F °C	@ Pressure N/A psi kPa	Cycles N/A	Max. Temp. N/A °F °C	@ Pressure N/A psi kPa	Test Medium N/A	Remarks
Cycles N/A	Min. Temp. N/A °F °C	@ Pressure N/A psi kPa	Cycles N/A	Max. Temp. N/A °F °C	@ Pressure N/A psi kPa	Test Medium N/A	Remarks
Cycles N/A	Min. Temp. N/A °F °C	@ Pressure N/A psi kPa	Cycles N/A	Max. Temp. N/A °F °C	@ Pressure N/A psi kPa	Test Medium N/A	Remarks

7. Commodity: Regulated Commodity ☒ Non Regulated Commodity ☒ Specific Commodity \_\_\_\_\_  
8. Flow rate (if applicable) \_\_\_\_\_ gpm ( \_\_\_\_\_ L/min)

Applicable drawings	Material	Drawing Number latest revision	Precedent	
			Drawing Number	Application/Certificate
9. Device application . . . . .				
10. Device assembly . . . . .	SST	516744 Rev. A		
11. Device details . . . . .	See Drawings	See Drawings		

12. Quality Control Statement Manufacturer is M1003 certified and maintains a rigid quality control program to verify that all required specifications and tests are adhered to.

### REVISIONS:

**CERTIFICATION:** The above data is correct and conforms with AAR Specifications for Tank Cars, Appendix A. The devices tested conform with drawings listed above.

By Cole Rankin Title Valve Engineer

### APPROVAL AAR Tank Car Committee Service Trial Required

Date Approved for Service Trial \_\_\_\_\_

Service Trial Number \_\_\_\_\_

(Signature) on behalf of Tank Car Committee

### APPROVAL AAR Tank Car Committee Service Completed / Not Required

Date Service Trial Completed n/a

Date AAR Received Form AAR 4-6 \_\_\_\_\_

Date Approved 9/4/2024

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

*Kenneth B Dorsey*

(Signature) on behalf of Tank Car Committee