

APPLICATION FOR APPROVAL OF VALVES, CLOSURES, AND FITTINGS

Applicant Engineered Controls International, LLC AAR No. E222100
 Description of Device 3/4" "Sample Valve"

Applicant No. _____ Device Ident. No. TA7806AP Date 11-13-2020

1. Manufacturer Engineered Controls International LLC
 2. Address 100 Reg O Drive City Elon State NC Zip 27244
 3. Test facility if other than the manufacturer _____ Address _____
 4. Test date 9-15-2020 4. Observer Kyle Little
 Title: Lab Technician

TEST PROCEDURE

5. Description of prototype testing: Leak test and cycle test in accordance with UL125

6. Cycles 6,000	Min. Temp. 75 °F 24 °C	@ Pressure 300 psi _____ kPa	Cycles 6,000	Max. Temp. 75 °F 24 °C	@ Pressure 300 psi _____ kPa	Test Medium Nitrogen	Remarks Periodically Packing Needed Tightening
Cycles 20	Min. Temp. 75 °F 24 °C	@ Pressure 500 psi _____ kPa	Cycles 20	Max. Temp. 75 °F 24 °C	@ Pressure 500 psi _____ kPa	Test Medium Nitrogen	Remarks
Cycles	Min. Temp. _____ °F _____ °C	@ Pressure _____ psi _____ kPa	Cycles	Max. Temp. _____ °F _____ °C	@ Pressure _____ psi _____ kPa	Test Medium	Remarks

7. Commodity: Regulated Commodity X Non Regulated Commodity _____ Specific Commodity LPG - Propane - Propylene - Butane
 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	SSTL/Teflon	TA7806AP/Rev E		
11. Device details		Refer to BOM		

12. Quality Control Statement Respectively Engineered Controls International, LLC are holders of AAR M1002 & M1003
ISO 9001 Certifications, ASME, UV/NB, PED/TPED

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 John Hill Title Sustainability 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 _____

Date AAR Received Form AAR 4-6 _____

Date Approved 3/29/2022

Expiration Date _____

Kenneth B Dorsey

(Signature) on behalf of Tank Car Committee