
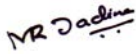


Test Report for Type Examination of Pressure Equipment

Test: Type Examination				Test report No: 146825845 (T) -23-001		
Manufacturer/ Person responsible for putting the equipment on the market: BE-LOK INSTRUMENT FITTINGS INC				Factory: BE-LOK INSTRUMENT FITTINGS INC #V-13A, Qureshi Estate, Zilu Parab Road, Village Chinchotti, Naigaon, District Palghar, Vasai East (401208) Maharashtra, India		
Drawing number- Generally as per BE-LOK INSTRUMENT FITTINGS INC catalogue and associated data				Connectors (1/8" – 1" OD Sizes)		
Test Pressure [Bar]				1.5 times pressure rating of appropriate thickness tube on sampling bases		
Intended Use				Instrument tubing applications within Oil, Gas, Petrochem, Nuclear, Hydrocarbon, Power and Marine Industries, Hydraulic, etc		
Type Identification:				'Be-Lok' BRAND TUBE FITTINGS		
Service Temperature (max) [°C]				Dependent upon material -75 to + 538 Deg C (SS 316)		
Testing Based on: BE-LOK established development test and validation criteria				Standards: ASTM F1387-99(2012) Deviations: NONE		
Directive: NA						
SR. NO.	NATURE OF TEST	ASTM F 1387-99 (2012) SECTION	SIZE	TUBE WALL THICKNESS	NO. OF SPECIMEN	DOCUMENTS REFERENCE NO.
1	Examination of Specimen	A2	1/8" 1/4" 1/2" 3/4" 1"	0.035" 0.049" 0.065" 0.083" 0.083"	28 loops each size	MAF/ES/4T MAF/ES/8T MAF/ES/12T MAF/ES/16T
2	Pneumatic Proof Test	A3	1/8" 1/4" 1/2" 3/4" 1"	0.035" 0.049" 0.065" 0.083" 0.083"	28 loops each size	MAF/PNU/4T MAF/PNU/8T MAF/PNU/12T MAF/PNU/16T
3	Hydrostatic Proof Test	A4	1/8" 1/4" 1/2" 3/4" 1"	0.035" 0.049" 0.065" 0.083" 0.083"	28 loops each size	MAF/HYD/4T MAF/ HYD /8T MAF/ HYD /12T MAF/ HYD /16T
4	Impulse Test	A5	1/8" 1/4" 1/2" 3/4" 1"	0.035" 0.049" 0.065" 0.083" 0.083"	6 loops each size	MAF/IMP/4T MAF/ IMP /8T MAF/ IMP /12T MAF/ IMP /16T

5	Flexure Fatigue Test	A6	1/8" 1/4" 1/2" 3/4" 1"	0.035" 0.049" 0.065" 0.083" 0.083"	6 loops each size	MAF/FFT/4T MAF/FFT/8T MAF/FFT/12T MAF/FFT/16T
6	Tensile Test (Pull out Test)	A7	1/8" 1/4" 1/2" 3/4" 1"	0.035" 0.049" 0.065" 0.083" 0.083"	6 loops each size	MAF/PLT/4T MAF/PLT/8T MAF/PLT/12T MAF/PLT/16T
7	Hydrostatic Burst Test	A8	1/8" 1/4" 1/2" 3/4" 1"	0.035" 0.049" 0.065" 0.083" 0.083"	4 loops each size	MAF/HBT/4T MAF/HBT/8T MAF/HBT/12T MAF/HBT/16T
8	Repeated Assembly Test	A9	1/8" 1/4" 1/2" 3/4" 1"	0.035" 0.049" 0.065" 0.083" 0.083"	-	MAF/RAT/4T MAF/RAT/8T MAF/RAT/12T MAF/RAT/16T
9	Rotary Flex Test	A10	1/8" 1/4" 1/2" 3/4" 1"	0.035" 0.049" 0.065" 0.083" 0.083"	6 loops each size	MAF/RFT/4T MAF/RFT/8T MAF/RFT/12T MAF/RFT/16T
Previously performed test						
			The Phastite joints in all sizes, shapes and listed tube thickness have been tested for hydro test, cycle test and burst test.			
Selection of test sample(s)						
Quantity: Total 112 Nos. of Loops Type: Phastite Type						
Comments:			The samples are representatives for the type. The tests listed above were performed in compliance with the test requirements of the standards/regulations quoted in this test plan. The test results of item 1-9 have been examined for compliance with the test requirements of ASTM F1387-99(2012) and found satisfactory			
Location: Mumabi		Date: 30-10-2023		For TUV Rheinland (India) Pvt Ltd		
					 Malcolm Dadina	
Attachments: As per documents Reference						