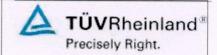


India Pvt Ltd	R	EPORT	Precisely Right.			
Report No.:	TR/ MUM / 94	40/ MPPL / IR /01	Date : 18.09.2020			
Inspector:	Mr. Kishor Ha	ilbe	Page: 1 of 8			
Project name:		Executing Coun	trv			
NA		India	uy.			
Client: Micro Pneumatics Pvt. Ltd			PO No.: For Test Certificate Purpose			
Contact: Mr. Saroj Kumar Jei			Ref / Order No.: S02021/00940 dtd 12/09/2020			
Sontact: Mr. Saroj Kamar Sci	14	TÜV order numb				
Vendor/Manufacturer:		10V order numb	JG1			
Micro Pneumatics Pvt. Ltd		Vendor's Ref: M	ail Dt: 15.09.2020			
Contact: Mr. Saroj Kumar Jei	na	Municipal Industr	i on: Plot 133 – 134 Vasai ial Area, Umela Phata,), Dist: Palghar, Maharashtra			
Attendees: Mr. Saroj Kumar	Jena	Date of Inspecti	on: 15 th September 2020			
Equipment/goods inspected	d: Manual operated	d Ball valves 2" 2PC 1	50# FE			
Inspection according to:						
ITP / QCP No.: Nil		Specification: ISO 12266-1				
Codes / standards: Nil		Drawing No.: MP	Drawing No.: MP-GA-6260 Sheet 1/1 Rev.0			
Scope of work:						
Quantity inspection	☐ Function	al test witness	☐ Packing/ Marking inspection			
	□ Performa	ance test witness	□ Document review			
☐ Dimension inspection		painting inspection	○ Others (see remarks)			
ASTMA351GrCF	t of Manual operat 8, CF8 Hard chron drawing requireme	ne ball , Seat –RBC 00	150# FE(MOC : Body Adaptor- 06)at 290°C temperature as per			
∫ full inspection	☐ partial	inspection	☐ random inspection - %			
Inspection result: ☑ Satisfactory	☐ Partial non-confo	orming	cted Aborted			
Documentation: ☑ Complete and in order	□ not comple	ete (please see report	details)			
Somplete and in order	not comple	oto (piodae ace report	dotallo)			
Deviations found:						
⊠ None □	to contract	☐ to dra	wings			

(Please see separate nonconformance report)

TÜV Rheinland India Pvt Ltd

VENDOR INSPECTION REPORT



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Conclusion:

Witnessed Seat test(Hydraulic) of Manual operated Ball valves 2" 2PC 150# FE with Seat –RBC 006 at 290° C temperature & holding time 30minutes as per Micro Pneumatic drawing requirement -found satisfactory.

Witnessed Seat test(Pneumatic) of Manual operated Ball valves 2" 2PC 150# FE with Seat –RBC 006 at 290° C temperature & holding time 5minutes as per Micro Pneumatic drawing requirement - found satisfactory.

INSPECTION DETAILS

Material / Products / Components inspected:

Item/Tag No.	Brief Description	Total Ordered Quantity	Presented Quantity this Visit	Accepted Quantity this Visit
200903455/9/20	Manual operated Ball valves 2" 2PC 150# FE	1No.	1No.	1No.

Detailed Scope of Inspection:

- a. Perform Visual inspection.
- b. Verify Valve Serial Number.
- c. Review Material Test Report (Body, adopter, Seat)
- d. Witness Body Hydraulic test at ambient temperature.
- e. Verify complete Ball Valve wrapped with heating coil & two nos. of thermocouples attached.
- f. Witness Hydraulic Seat test at 290°C temperature.
- g. Witness Pneumatic Seat test at 290°C temperature.
- h. Review calibration reports of Pressure Gauges, Thermocouple & Recorder.

Standards and Documentation:

SR		DOC. No.	DOC. App.		Approved
No DOCUMENT TITLE			REV. Status/cod		By
1	GA DWG FOR 2" 2PC 150# FBTYPE HAND OPERATED BALL VALVE	MP-GA-6260 Sheet1/1 dated 14/09/2020	0	Approved	Micro Pneumatics

Witnessed Tests:

- Witnessed Body Hydraulic test at ambient temperature & at test pressure of 30 Kg/Cm² duration 10 minutes as per MICRO drawing.
- Witnessed Hydraulic Seat test at 20 Kg/Cm² pressure & 290°C temperature, duration 30 minute as per MICRO drawing.
- c. Witnessed Pneumatic Seat test at 7 Kg/Cm^2 pressure & 290° C temperature, duration 5 minutes as per MICRO drawing.

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Used Test Equipment:

Equipment name	Type /Model	Identification No./ Calibration No.	Valid range /Accuracy	Calibration valid to
Hydro Pressure gauge	FGB	D 36489	0~42Kg/Cm^2 / +2% FS	
Pneumatic Pressure gauge	FGB	D18865	0~21Kg/Cm^2 / +2% FS	
Recorder	6000-6	2k 12l 5749		2020-12-14
Thermocouple	K(Cr/AI)	TC-3154	-	2021-02-11

INSPECTION ACIVITIES

Activity/ITP/ QCP No.	Description of Activity with Inputs and Outputs	Results
•	Visual inspection of Valve in assembled condition	Satisfactory
•	Valve Serial no 200903455/ 9/20 on name plate	Satisfactory
-	Reviewed Material Test Report (Body, adopter, Seat) Body- H 2211 Cert No.1014Dtd. 8/2/20 Adaptor-I37 Cert No. 55 Dtd. 28/5/20 Seat- B19#0040 Dtd. TC/1341/2020	Acceptable
-	Witnessed Body Hydraulic test at ambient temp	No Leakage observed, Satisfactory
•	Verified complete Ball Valve wrapped with heating coil & 2 nos. of thermocouples attached	Satisfactory
	Witnessed Hydraulic Seat test at 20 Kg/Cm^2 pressure & temperature 290°C duration 30 minute as per MICRO drawing	No Leakage observed, Satisfactory
-	Witnessed Pneumatic Seat test at 7 Kg/Cm^2 pressure & temperature 290° C duration 5 minutes as per MICRO drawing	No Leakage observed, Satisfactory
•	Reviewed calibration reports of Pressure Gauges, Thermocouple & Recorder	Acceptable

Detail-s:

- a. Witnessed Body Hydraulic test at ambient temperature & at test pressure of 30 Kg/Cm^2 duration 10 minutes as per MICRO drawing. Found Satisfactory
- b. Witnessed Hydraulic Seat test at 20 Kg/Cm^2 pressure & 290°C temperature, duration 30 minute as per MICRO drawing. Found Satisfactory
- c. Witnessed Pneumatic Seat test at 7 Kg/Cm^2 pressure & 290° C temperature, duration 5 minutes as per MICRO drawing Found Satisfactory

Documentation Control:

Document name	Version	Approved by client
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TÜV Rheinland India Pvt Ltd

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Inspector:	Mr. Kishor Halbe	Page · 4 of 8	

	-			Y	ES/NO
Non Con	formities:				
Report No.		Description		sed sed	Status
Nil					
inspector and	ist is available. Any manufacturer's repo urer informed about r	resentative		nanufacturer but s	igned by the
Issued by:	Daniel E	5/9/2020	Reviewed by:	R.Navinkuma	
	Name	Signature		Name	Signature

Disclaimer:

This report reflects our findings during inspection in time and place according to the agreed scope of our performance or deliverables and does not release buyer and/or seller from their contractual responsibilities. This report does not construe any guarantee or warranty that the purchase contract between buyer and seller is fulfilled correctly and all performances have been delivered without any defect. Furthermore the report and its results does not affect any potential buyer's right to claim for compensation or remedy towards the seller/supplier of apparent or hidden defects not detected during our inspection or occurred afterwards.

PICTURES:

picture	description:	
SL. NO.	Valve Serial no.	