# SITE VISIT REPORT

### **General**

Report No.: MDR-2019-SEAN-SVR043 Date of Visit11.09.2019

DNV GL Project No.: I9C00084

Customer Name: M/s Lehry Instrumentation &Valves Pvt Ltd, Chennai.

Site: M/s Lehry Instrumentation & Valves Pvt Ltd,

Chennai.

Reported by: Anbalagan.S

Verified by: Dhilip Kumar.M

### Particulars of visit

### Purpose of visit:

Final Stage Inspection for Ball Type Foot Valve Assembly Size 100MM/PN10 Offered Qty: 01 No.

## Participants:

Anbalagan. S DNVGL BA, Chennai. Raja S.V.Lehry Instrumentation & Valves Pvt Ltd, Chennai.

#### Summary:

As per Customer Email conformation have visited on 11.09.2019 at Lehry Instrumentation & Valves Pvt Ltd, Chennai for FAT, Dimension and Surface Visual stage inspection.

### Details:

PO No. LIV/WO/005 DT: 27.09.2019

REF STANDARD: LIV/021

Date of Inspection: 2019.09.11

### **Inspection Activity**

### **Final Stage Inspection**

SL NO	DESCRIPTION	SIZE	QTY
01	Ball Type Foot Valve	100MM/PN10	01 No.

1. Material Test Certificates are reviewed and found in order.

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- Calibration Certificates for used equipment and pressure gauge instrument physically verified and found in valid date.
- 3. DM Water Certificate reviewed and found in order.
- 4. Ball Type Foot Valve Assembly Shell (Hydro) test witnessed and found no leakage and no pressure drop at during the testing period.
- 5. Ball Type Foot Valve Assembly Seat (Hydro/Air) test witnessed and found no leakage and no pressure drop at during the testing period.
- 6. Performance test for Ball Type Foot Valve witnessed and found satisfactory.
- 7. Dimensions for Ball Type Foot Valve assembly witnessed and found within limits.
- 8. Surface Visual for Ball Type Foot Valve assembly witnessed and found satisfactory.
- 9. Supporting documents are reviewed and found in order.
- 10. Test Certificate signature and attached for your reference.
- 11. DNVGL hard stamp punched for witnessed Ball Type Foot Valve near the marking identification.

Findings. Observations. Recommended actions:

NIL

Attachments: Test Certificate

Place: Chennai Date: 2019.10.01

For DNV GL Business Assurance India

Surveyor



### **TEST REPORT**

### **MECHANICAL**

**CUSTOMER ADDRESS: -**

Customer Ref No.-

LEHRY INSTRUMENTATION & VALVES PVT.

Dated: - 11/09/19

LTD.

Test Method:

"LEHRY CHAMBERS"#78(Old No. 51), Sembudoss Street, P.B.No.1506, Chennai-600001.

AS PER LIV/021

### PARTICULARS OF SAMPLE

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REPORT NO. AND DATE	24/09/19
NATURE OF SAMPLE	BALL TYPE FOOT VALVE FOR GENERAL PURPOSE
SIZE/GRADE/TYPE/CLASS	100MM / PN10
BRAND NAME	LEHRY
QUANTITY	1PC
DATE OF TESTING	11/09/19

### SUPPLEMENTARY INFORMATION

a)	Reference to sampling procedure wherever applicable	N-A
b)	Supporting documents for the measurements taken and results derived like graphs, tables, sketches and or photographs, as appropriate to test report, if any (to be attached)	N-A

Deviation from the test methods as prescribed in relevant ISS, Work instructions if any

Nil

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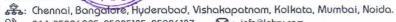




















### TEST RESULTS AS PER LIV/021

SI No	Tests	Valve as per specification	Result/Observation
1	Service Application	UNI-DIRECTIONAL	Satisfactory
2	Nominal size	DN	100 mm
3	Nominal Pressure	PN	PN10
4	Body Ends	Wafer ends / Lugged / Flanged ends	Flanged Ends
5	Face to face dimensions	415 mm	415 MM
6	Bodies	Body end ports shall be circular and the numerical values of diameter shall be close to DN	Satisfactory
7	Mesh Size	Perforation size	Satisfactory
8	Seating	Non-integral seating, where used, and their names of attachment shall be such as to preclude their loose in service	NA
9	Type of operation	Manual / Electric / Pneumatic  Manual operation : -	Manual
		<ol> <li>Valve shall be closed by turning hand wheel or lever in clockwise direction</li> </ol>	NA
4	*	<ol> <li>The design of the lever when fitted should be in parallel to the direction of the flow when the valve in open condition</li> </ol>	NA
e	***	<ol> <li>The flow direction shall be marked to indicate the direction of closure</li> </ol>	Marked

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PB No. 1506, Parrys Chennal - 600 001.

















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10	Testing	Performance Testing:	
-		Each valve shall be shop operated from fully closed to full open position and reverse, under no pressure and no flow	
-		condition to demonstrate that the complete assembly is workable.	Passes the Test
_si		Body Test :	5 A
		At 1.5 times the max. Permissible working pressure.	
	a a	Seat test:	Passes the Test
		Seat test.	Passes the Test
M to	M. J.	At 1.1 times the max. Permissible working pressure.	
11	Marking	Marking shall be cast integral on the body or on a plate	Marked
la la		securely attached to the body.	
Rem	emarks: NILL		
1	THIS REPORT IN FULL OR IN PART SHALL NOT BE PUBLISHED, ADVERTISED OR USED FOR ANY LEGAL ACTION, UNLESS PRIOR PERMISSION HAS BEEN SECURED		
2	THIS REPORT IS ONLY FOR THE SAMPLE TESTED		





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