

LEAK TEST SERVICES

HELIUM LEAK TEST Valves, Heat Exchangers, Components, Chambers, Roll Metallizers etc.

Ref : HLT/REYNOLD-VALVE/601

Date : 29 Dec 2015

HELIUM LEAK TEST REPORT

- 1) Manufacturer : Reynold Valves Ltd
- 2) Client : Zeeco India Pvt Ltd
- 3) Purchase Order No : 25390/PO/024 dated 16-07-2015
- 4) Item Description : CS,2PC,WCB,Ball Valve 150# (3/4")
- 5) Drawing Number : RVL/21FE/54304/024/02 Rev 04 , dated 30-09-2015
- 6) Serial Number : U5374
- 7) Instrument/Machine : Helium Leak Detector, Pfeiffer, Germany, Model 560
- 8) Calibrated Standard Leak : 8.34×10^{-8} mbar lit / sec, Serial No.3429
- 9) Test Procedure : HLT/REYNOLD VALVES/499 dated 30 Sept 2015
- 10) Test Method : Sniffer Probe
- 11) Test Pressure : 7 kg/cm^2
- 12) Test Medium : Helium
- 13) Test pressure Hold Duration : 7 minutes
- 14) Acceptable leak Rate : 1×10^{-4} mbar lit / sec


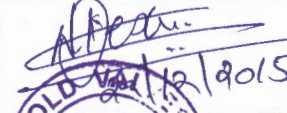

Note :-

- Valve filled with Helium Gas at 7 kg/cm^2
- Sniffer probe moved around Body Joint, Gland Seal of the Valve

Observations :-

	Background Reading mbar lit / sec	Maximum Observed Reading mbar lit / sec	Leak Rate mbar lit / sec
Body Seal	3.09×10^{-6}	3.11×10^{-6}	0.02×10^{-6}
Gland Seal	3.09×10^{-6}	3.12×10^{-6}	0.03×10^{-6}

RESULT : HELIUM LEAK TEST SATISFACTORY

Test performed by Leak Test Services	Witnessed by Reynold Valves Ltd	Witnessed by Zeeco India Pvt Ltd
		
ANIL JOSHI	MILAP DESAI BOISAR	RAMACHANDRA WANGDE

