

LEAK TEST SERVICES

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

Ref : HLT/REYNOLD-VALVE/602

Date : 29 Dec 2015

HELIUM LEAK TEST REPORT

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|---------------------------------|--|
| 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# (1") |
| 5) Drawing Number | : RVL/21FE/54304/024/02 Rev 04 , dated 30-09-2015 |
| 6) Serial Number | : U5373 |
| 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 | : 3 minutes |
| 14) Acceptable leak Rate | : 1×10^{-4} mbar lit / sec |


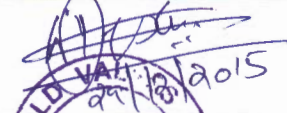
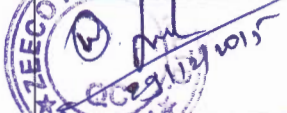
Note :-

- 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	3.41×10^{-6}	3.45×10^{-6}	0.04×10^{-6}
Gland Seal	3.42×10^{-6}	3.52×10^{-6}	0.10×10^{-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	RAMACHANDRA WANGDE

