

LEAK TEST SERVICES

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

Ref : HLT/REYNOLD-VALVE/510

Date : 29 June 2012

FUGITIVE EMISSION / HELIUM LEAK TEST REPORT

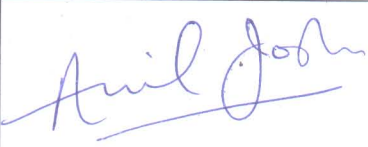

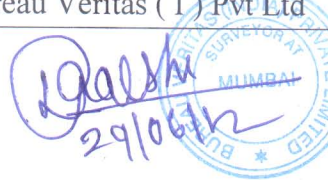
- 1) Manufacturer : Reynold Valves Ltd
- 2) Client : IOCL
- 3) P.O.No. : A120/085/23508589 dated 10-12-2011
- 4) Item Description : Ball Valve, 50 mm WCB X 150 # Flanged End
- 5) Serial Number : R1299
- 6) Test Method : Sniffer Probe
- 7) Instrument/Machine : Helium Leak Detector, Varian, USA, Model 938-41
- 8) Calibrated Standard Leak : 7.14×10^{-7} atm cc / sec, Sr No 5770
- 9) Test Pressure : 7 kg/cm^2
- 10) Test Medium : Helium
- 11) Test pressure Hold Duration : 3 minutes
- 12) Acceptable leak Rate : 1×10^{-4} atm cc / sec

Note :-

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

Observations and result :-

	Background Reading	Maxi.Observed Reading	Result
Body Seal	1.8×10^{-7} atm cc/ sec	1.2×10^{-6} atm cc/ sec	Satisfactory
Gland Seal	1.8×10^{-7} atm cc/sec	2.0×10^{-6} atm cc/sec	Satisfactory

Test performed by Leak Test Services	Witnessed by Reynold Valves Ltd	Witnessed by Bureau Veritas (I) Pvt Ltd
		
Anil Joshi LT - Level II	Milap Desai	Laxmikant P. Nakashe Surveyor

