



DNV Id. No.: PUN/13/AD/104
Date: 23/01/2013

DET NORSKE VERITAS

TO,
M/s. FLUID CONTROLS PVT. LTD.
Manufacturer : M/s. HYD-AIR VALVES PVT. LTD.
Shed No. 8, Lonavla Industrial Co-op Estate Ltd.,
Nagargaon, Lonavla, Dist.: Pune 410 401 India.

Dear sir,
Reference to your Letter Ref, No : 'E'-Mail Dated 18/01/2013 requesting us to witness fire testing of PN 100 Class, 600 BALL VALVE, our undersigned surveyor visited M/s. Avcon Controls Pvt. Ltd. 'T'-109, MIDC - Bhosari - Pune on 23rd Jan. 2013 and witnessed the same on the valve pre-selected by you.

FIRE TEST WITNESS REPORT

Description of valve tested :

| | |
|------------------------|---------------------------------|
| Manufacturing standard | : API 607:2010 / ISO 10497:2010 |
| Type | : BALL VALVE |
| Size /Class/PN | : 2", DN50, PN 100, CLASS 600 |
| Valve sl.no | : 230113 -101 |
| Heat no. | : CJBFB |
| Drg. | : 32 BLVR-FS REV.00 |

Material of construction

| | |
|-----------------------------------|-----------------|
| 1)Body & End Coupling | : CS TO IS 2062 |
| 2)Ball | : A 276 SS 304 |
| 3)Spindle | : A 276 SS 304 |
| 4)Ball Seal / Spindle & EC Washer | : Filled PTFE |

Witnessed fire safe testing in accordance to API 607-2010 (6th edition) & ISO 10497-2010 and found the test results conforming with the below specifications. For further details please refer manufacturer's report attached as Annexure-A herewith.

Range Qualified:

This valve qualifies following sizes and class ratings as per API 607-2010 (6th edition) & ISO 10497-2010 : -
Size : DN 50 and below, 65, 80 & 100
Size : 2" and below 2^{1/2}, 3, 4
Class : # 600 , #800 , & #900
PN : # 100 , #150



Anand Deshpande
Surveyor of DET NORSKE VERITAS AS

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