



Report No.: BDA / 2008 /1609 Date: 2008-02-11.

To,  
M/s. Engineers Combine  
I-18, Shayona Ind. Estate,  
Naroda – Memco Road,  
Ahmedabad – 380 025

This has reference to your letter dated 2008.02.08. The undersigned surveyor of DET NORSKE VERITAS AS witnessed fire safe test on the valve pre-selected by you on 2008-02-11 having the under noted details.

## FIRE SAFE TESTING WITNESS REPORT

### Description of Valve Tested :

Dgn. Std : API 6D  
Type : 2PC Full Port Ball Valve, flanged end  
Size & Class : 2" Class 150  
Drg. No. : EC50150CL-FS Rev. 0

### Material of Construction

1) Body & End Piece : ASTM A 216 Gr. WCB  
2) Ball : ASTM A 351 Gr. CF8  
3) Stem/Gland : S.S. 304 (Round Bar)  
4) Seat ring : PTFE  
5) Body Gasket & Gland Packing : Grafoil

### Following Activities are carried out before fire test and found satisfactory.

- 1) Review of Raw material test certificates.
- 2) Dimensional & Visual Inspection of test valve.
- 3) Witness of Pressure test as per inspection and test standard.

Witnessed fire safe testing in accordance to API 6FA – 3<sup>rd</sup> Edition, April 1999 and found the test results conforming with the specification. For Further details please refer mfr's testing report attached herewith as Annexure A.

### Range Qualified :

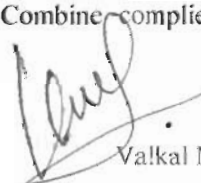
This Valve qualifies following sizes and class rating as per API 6FA - 3<sup>rd</sup> Edition, April 1999.

Size (NPS) : 2", 2 1/2", 3" & 4"  
Class : 150 & 300

**Conclusion :** The above pre-selected valve by M/s. Engineers Combine complies to the fire safe requirements of API 6FA – 3<sup>rd</sup> Edition, April 1999.

Place : Ahmedabad

Date : 2008-02-11

  
Valkal Modi  
Surveyor to Det Norske Veritas As