

Project: -----

Client: **VOLTECH TEJAS VALVES PVT LTD**

Office: **CHENNAI**

Clients Order Number: **SIGNED CONTRACT FOR SERVICES**

Date: **14 February 2011**

Order Status: **COMPLETE**

Inspection Dates

First: **19 January 2011**

Final: **14 February 2011**

This certificate is issued to **Voltech Tejas Valves Pvt. Ltd, Chennai** to certify that the undersigned Surveyor to Lloyd's Register Asia did, at their request, attend their Kovoov works on and between the above mention dates, for the purpose of witnessing fire test on the following valve in accordance with ISO 10497-5:2004 & API 607 5<sup>th</sup> Edition


**DESCRIPTION OF THE VALVE TESTED:-**

ITEM : Carbon steel three piece NPT threaded end Ball valves, Size 2 "  
 CLASS/ RATING : Class 150  
 VALVE SERIAL NO. : VD34607  
 DRG. NO. : V45001FS06 Rev.0  
 MATERIAL : BODY- ASTM A105  
                   BALL- ASTM A351 GR CF8M  
                   STEM- ASTM A479 TYPE 316  
                   GLAND AISI 316  
                   SEAT – PTFE  
                   SEAL- GRAPHITE

**AS PER THE SPECIFICATIONS AND THE ABOVE TESTED VALVE, THE RANGE OF QUALIFICATION IS AS UNDER:-**

| SIZES QUALIFIED         | MATERIAL QUALIFIED   | CLASS/RATING QUALIFIED |
|-------------------------|--|------------------------|
| 2" & below 2½", 3" & 4" | BODY:ASTM A 105<br>BODY CONNECTOR:ASTM A 105<br>BALL:ASTM A351 GR.CF8M<br>SEAT:PTFE<br>BODY SEAL : GRAPHITE<br>STUD:ASTM A193 GR B7<br>NUT:ASTM A194 GR 2H | CLASS 150 & 300        |

**CONCLUSION:-** The results obtained during the Fire Test were found to be in compliance to the requirements of the above mentioned Standards.

  
**R. KANNAN**  
 Surveyor to Lloyd's Register Asia

A member of the Lloyd's Register Group

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