

Sealing test certificate according to TA-Luft

Requested by : *Valvtechnologies*
5904 Bingle Road
Houston Texas
77092 USA

Valve type : *Ball Valve 3" CI 600*

Reference : *B6CX-RF-FP*
Manufacturer : *Valvtechnologies*

Fitted with a Stem Sealing System with : *Graphite compound packing*

Référence : *PPP Dopé*

Has been tested by our Center "Technologies de l'Etanchéité" satisfying the TA-Luft requirements (rev. 07.2002) in accordance with VDI 2440 carried out as following :

Test conditions :

- Test fluid : *Helium*
- Test pressure : *100/80 bar*
- Test temperature : *20/260 °C*

Test results :

- Tightness class : $<10^{-2} \text{ mbar.l.s}^{-1}.\text{m}^{-1}$
- Number of mechanical cycles : *1 500 cycles*
- Number of thermal cycles : *3*
- Number of stem seal adjustments : *0*

The valve is satisfying the TA-Luft requirements (rev. 07.2002) in accordance with VDI 2440.

In reference to detailed test report N° *778633/6J1/a* dated *8 June 2007*
Certificate N° *TDE 2007-08* delivered in Nantes on *3 July 2007*

By delegation of the General Manager, Philippe DE LACLOS
The Manager of "Technologies de l'Etanchéité"

Yves BIREMBAUT



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