Fugitive emissions certificate

Requested by : *Valco Group France (Malbranque - SNRI)*

Valve type : *Gate valve 8" Cl600(stem diameter : 41.38 mm)*
Manufacturer : *Malbranque - SNRI*

Fitted with a Stem Sealing System with :
Graphite based packing rings
Reference : *9001 SVS modified - Garlock*

Has been tested by our Center "Technologies de l'Etanchéité" as following :
ISO 15848-1 March 2006

Test conditions :

- Fluid : Helium
- Pressure : 100/69 bar
- Temperature : 20°C/400° C

Test result :

- Tightness class : BH
- Number of mechanical cycles : 500 cycles/CO1
- Number of thermal cycles : 2
- Number of stem seal adjustments : 1

The valve was ranked :

ISO FE BH-CO1-SSA1-T400(20/400)-Cl600-ISO 15848/1

In accordance with detailed test report N° *CET068559/6J1/a* dated *14/04/2011*
Certificate N° *TDE 2011-07* delivered in Nantes, on *14/04/2011.*

By delegation of the General Manager, Philippe DE LACLOS
Technical Expert of « Technologies de l'Etanchéité »
Yves BIREMBAUT

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