



Project: **Fugitive Emission Testing**

Client: **Metso Flow Control Oy
Vantaa, Finland**

Office: **Helsinki**

Client's Order Number: -

Date: **16 November 2016**

Order Status: **Complete**

Inspection Dates

First: **02 September 2016**

Final: **02 September 2016**

This certificate is issued to **Metso Flow Control Oy** to certify that undersigned surveyor attended their works in Helsinki on the above date for purpose of witnessing fugitive emission test of a Neles X-Series metalseated flanged ball valve.

Particulars of valve

Type: XA02DWGAS6SJAAD
Rating: ASME 300
Size: 02"

The test valve was presented by the manufacturer. The test was conducted in accordance with the standard TA LUFT (Technische Anleitung zur Luft Par 5.2.6.4) von 24 Juli 2002 and VDI 2440 Par 3.3.1.3 November 2000. Leakage measurements were witnessed as indicated in enclosure 5 of the test report. The valve behaviour between the measurements and witness points was verified from data collected by Metso Flow Control Oy as well as from the test report. Throughout the test the valve performed satisfactorily and met the requirements set in TA LUFT (24.07.2002) and VDI 2440 (November 2000).

Endurance class: 2500 Mechanical cycles
Temperature class: From -29 C to + 250 C (Temperature tests at +250 C)

Visual examination after the test confirmed that thye design was in accordance with the manufacturer's drawings and parts list. Metso Flow Control Oy Test Report dated 07.11.2016 was reviewed, stamped and signed.

This fire test qualifies also the following valve types:

- All sizes with same packing arrangement as tested valve type
- Pressure ratings up to and including ASME 300/EN PN 40
- Valves with live loaded V-ring PTFE packing


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