



Project: **Fire-safe test**
ISO 10497:2010 - API 607, Sixth Edition, September 2010

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

Office: **Helsinki**

Client's Order Number: -

Date: **27 April 2015**

Order Status: **Complete**

Inspection Dates

First: **17 February 2015**

Final: **20 February 2015**

This certificate is issued to **Metso Flow Control Oy to certify that undersigned surveyor attended their works in Vantaa on the above date for purpose of witnessing fire tests of one (1) metal seated full bore butterfly valve designed for bi-directional installation manufactured by Metso Flow Control Oy Vantaa, Finland.**

Particulars of valve

Type: **XA02DWGAS6SJHADD+0**

Rating: **ASME Class 300**

Size: **NPS 2"**

Materials (as stated by the Manufacturer): See Appendix No. 2 of the test report.

Testing

The test valve was presented by the manufacturer, without choice. The test was conducted in accordance with the standard ISO 10497:2010 - API 607, Sixth Edition, September 2010. Throughout the test the valve performed satisfactorily and met all the requirements of the above standard. Visual examination after testing confirmed that the design was in accordance with the manufacturer's drawing and parts list. A copy of the test report has been endorsed. Before commencing the tests the testing apparatus was examined and found to be in accordance with the above standard.

This fire test qualifies also the following valve types:

XA 04" and smaller sizes (ASME 300)

XU 04" and smaller sizes (ASME 600)

Jyrki Hentula
Surveyor to Lloyd's Register EMEA

A subsidiary of Lloyd's Register Group Limited

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.