



Project: **Fire type-test**
ISO 10497:2010 - API 607, Seventh Edition, June 2016

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

Office: **Helsinki**

Client's Order Number: -

Date: **28 November 2016**

Order Status: **Complete**

Inspection Dates

First: **14 October 2016**

Final: **14 October 2016**

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 type-test of one (1) metal seated full bore ball valve designed for bi-directional installation manufactured by Metso Flow Control Oy, Vantaa, Finland.

Particulars of valve

Type: D2DA04AAC03G/C+D

Rating: ASME Class 150

Size: NPS 04"

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, Seventh Edition, June 2016. 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:

D2D/C 04", 05", 06" and 08" (ASME 150)

D2D 04", 05", 06" and 08" (ASME 300)

And all other valves which fulfills coverage rules acc. to standard ISO 10497:2010 - API 607, Seventh Edition, June 2016.



Lasse Salminen
Helsinki Office
Surveyor to Lloyd's Register EMEA

a member of the Lloyd's Register group.

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.