

Project: **Fire-safe test**
ISO 10497:2010 - API 607, Sixth Edition, September 2010Client: **Metso Automation Oy**
Vantaa, FinlandOffice: **Helsinki**

Client's Order Number: -

Date: **09 November 2011**Order Status: **Complete**

Inspection Dates

First: **08 September 2011**Final: **08 September 2011**

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

Particulars of valveType: **D1FY08DAC03G**Rating: **ASME Class 600**Size: **NPS 8"**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:

D1F 08" and larger (ASME 600)**D3F 08" and larger (ASME 600)****D4F 08" and larger (ASME 600)****D5F 08" and larger (ASME 600)**Mikko Vartiainen
Surveyor to Lloyd's Register EMEA

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A member of the Lloyd's Register Group