



Project: **Fire-safe test**

Client: **Metso Automation Oy
Helsinki, Finland**

Office: **Helsinki**

Clients Order Number: -

Date: **10 July 2008**

Order Status: **Complete**

Inspection Dates

First: **26 June 2008**

Final: **26 June 2008**

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) soft seated full bore ball valve manufactured by Metso Automation Oy Helsinki, Finland.

Particulars of valve

Type: **XT04CWGAJ2SPTTBA+D**
Rating: **ASME Class 150**
Size: **NPS 4"**

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

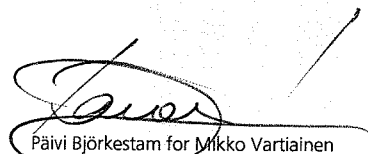
Testing

The test valve was presented by the manufacturer, without choice. The test was conducted in accordance with the standard ISO 10497-5: 2004- identical with API 607, Fifth Edition, June 2005. 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. Copy of the test report is attached.

Before commencing the tests the testing apparatus was examined and found to be in accordance with the above standard.

Additional valve qualification

In accordance with, and subject to the limitations of, the above standard, valves sized 5", 6" and 8" as well as valves with pressure rating ASME 300 are also qualified.



Päivi Björkestam for Mikko Vartiainen
Surveyors to Lloyd's Register EMEA

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