

Project: Fire-safe testing

Client: Metso Automation Oy,
Helsinki, Finland

Office: Helsinki

Clients Order Number: 7130023

Date: 13 November 2003

Order Status: Complete

Inspection Dates

First: 10 October 2003

Final: 17 October 2003

This certificate is issued to

Metso Automation Oy, Helsinki, Finland to certify that the undersigned Surveyor attended their works in Helsinki on the above date for the purpose of witnessing fire test of one (1) soft seated full bore ball valve designed for bi-directional installation.

Particulars of the valve

Type: XT04CWGAJ2SPHTTBA+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 API 607, Fourth Edition, May 1993. 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.

Additional valve qualification

In accordance with, and subject to the limitations of the above standard valves sized 3" to 6", as well as valves with pressure rating ASME 300 are also qualified.



Mikael Vartio
Surveyor to Lloyd's Register EMEA

A member of the Lloyd's Register Group