



Rapid Rise Fire Tests of Protection Material for Structural Steel

Project: **Performance Test**

Client: **MOV Limited**

Office: **Seoul Port**

Client's Order Number: -

Date: **06 September 2013**

Order Status: **Completed**

Inspection Dates

First: **06 September 2013**

Final: **06 September 2013**

This certificate is issued to **the Messrs. MOV Limited.**, to certify that the undersigned surveyor did attend at **Korea Institute of Construction Technology, Hwaseong laboratory (hereinafter KICT)** on the above date for the purpose of inspecting and witnessing **Fire Proofing Test for Valve Actuator according to UL1709:2011.**

Particulars

1. Electric Valve Actuator : Model: DREHMO DIM30-A-10 Ex
2. FR Coating Material : CHARTEK 15mm

Description of fire test

The above item had set up on the base of vertical furnace at the **KICT** and on-off switch box had been connected by extension electrical cables to the Electric Valve Actuator in order to check operation during the fire test.

During the test, time-temperature curve had been witnessed to be complied with **UL1709.**

The performance test for Electric Valve Actuator had been witnessed until 59 minutes and the connected lamp was remained "on".

Malfunction had not occurred until the end of testing.

KICT's Test Certificate was reviewed and endorsed where appropriate.



M.C. Choi
Surveyor to Lloyd's Register Asia

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