



Inspection Certificate

Project: **Qualification Fire Test API 16D**

Client: **Faster, Inc.**

Office: **Houston**

Clients Order Number: -

Date: **16 November 2010**

Order Status: **Complete**

Inspection Dates

First: **02 November 2010**

Final: **02 November 2010**

This certificate is issued to **Faster, Inc.**, to certify that at their request, the undersigned surveyor did attend **Southwest Research Institute, the Department of Fire Technology, San Antonio, Texas** on the above mentioned date for the purpose to witness fire test carried out on the below listed BOP coupling.

1" HNVFR NPT M, F Coupling

Scope of inspection carried out:

- 1.0 Witnessed fire test.
- 2.0 Verified specimen assembly components.
- 3.0 Reviewed test data.

The fire test was carried out in gas fuelled furnace, the specimen has been placed in the furnace with two thermocouples wires affixed 1" away from the surface of the specimen surface. Prior to furnace ignition, hydrostatic pressure of 3,335 Psig has been applied to the coupling assembly and held for the duration of the test.

The test commenced when the average temperature of the two thermocouples reached 1300 °F (700° C) and was terminated after 5 minutes of the heat exposure to the coupling assembly.

The test was carried out in accordance with API Specification 16 D (Spec 16D), Second Edition, July 2004, the test results are considered satisfactory, the coupling assembly met the 5 minutes fire exposure at 1300° F (700° C) without the loss of pressure and leakage.



Surveyor to Lloyd's Register North America Inc.
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