

Case Study

Custom hot tapping machines from Claxton

THE PROBLEM

In 2007 Claxton worked with a major operator in Norway to provide an application specific custom subsea hot tapping machine. The operator needed to insert a hot tap tee to connect a new pipeline link – a critical-path operation.

THE SOLUTION

Claxton designed, built and tested a machine to work in 200 meters of water with a hot tap diameter of 10". The operation was to be performed on a 20" gas pipeline and the system was built and tested to a 5000 PSI operating pressure. To work at the required depth the system was fully marinised and an offshore test confirmed the machine worked as planned at the required depth. Claxton performed a full in-house FEA analysis on the system which also included the supply of a hydraulic power unit and associated equipment to run the machine offshore.

THE RESULT

The system was built, tested and performed as expected. Claxton has since performed numerous hot taps for clients in the North Sea, Middle- and Far East for onshore and offshore applications.

Claxton has been providing hot tapping services to the oil, gas and petrochemical industries around the globe for over 20 years.



Contact us about Hot Tapping

United Kingdom:

Claxton
Bureside House
North River Road
Great Yarmouth
Norfolk
NR30 1TA
T: +44 (0) 1493 744500
F: +44 (0) 1493 744501
E: info@claxtonengineering.com
W: www.claxtonengineering.com

Middle East:

Claxton
PO Box 262490
Jebel Ali Free Zone
Gate 5, South Side
FZS1 ALO5
Dubai
T: +971 4 8863540
F: +971 4 8863560
E: dubai@claxtonengineering.com
W: www.claxtonengineering.ae