

27 km BuBi pipes for oil and gas field in the North Sea

Companies from the oil and gas industry have for decades relied on the stability and long life of our mechanically lined BUTTING bi-metal pipes (BuBi[®] pipes). They bring particularly great benefits when the requirements for the pipe caused by pressure and corrosion can be distributed between the inner and outer pipe.

The BuBi[®] pipe stands for high cost-effectiveness and a wide range of possible uses: Thus for example, we manufactured 27 km of pipes for the Andrew project.



The oil and gas field of the same name is located in the North Sea around 230 km north-east of Aberdeen, and covers an area of 27 km². The accessible reserves are to be found at a around 115 m water depth and amount to about 150 million barrels of crude oil and natural gas.

Extraction takes place via a single platform, which also serves the oil and gas in the neighbouring Cyrus and Farragon fields.

One great advantage of the BuBi[®] pipe is the large number of possible material combinations. In this case, our customer has gone for DNV Grade 450 (outer pipe) with 316L (inner pipe). The size was 355.6 x (14.3 + 3) mm.

BUTTING delivers the pipes to the town of Wick in the north of Scotland. Here the pipes are welded into bundles. The bundles consist of an outer support pipe containing several production and service pipelines, hydraulic pipes and umbilicals. The BuBi[®] pipes with their corrosion-resistant inner pipes are used for the pipeline through which the aggressive oil and gas mixture is extracted.

For the project, a total of 4 bundles are used, in length of 6-8 km each. After welding has been completed onshore, the bundles are launched to sea by two ships. Later they will transport the resources extracted from the well to the Andrew platform.

In addition to the pipes for the bundles, we have also produced and supplied riser pipes and pipes for tie-in spools in Superduplex for the Andrew programme.

For our customer, this was one of the largest bundles which have ever been laid worldwide. We are glad that we were able to help in implementing this major project, thanks to our years of experience, manufacturing skills and cost-effectiveness in the field of mechanically lined pipes.

BUTTING – Progress by Tradition