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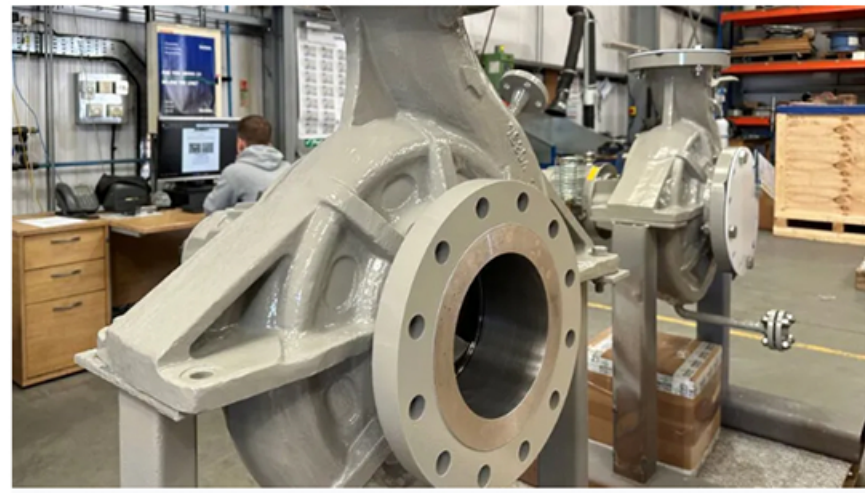
Amarinth delivers API 610 pumps for North Sea platform

News

16 Jan 2024



Amarinth has completed an order to replace end-of-life Girdlestone pumps with new dimensionally interchangeable API 610 pumps on the Dan Fox platform in the North Sea, Denmark.



Amarinth pumps for the Dan Fox platform in assembly.

The Dan oil field, one of the largest North Sea chalk fields, is situated in shallow waters in the Danish sector, approximately 120 miles west of Esbjerg. The field comprises 12 platforms, 38 active oil wells, and 33 active water injectors.

Three critical Girdlestone 980 API 610 pumps on the platform that form an integral part of the oil and water cyclone separator system had reached their natural end-of-life. Amarith proposed a bespoke version of one of its own centreline pumps as a replacement. The tailored solution was designed to the API 610 edition that mirrored that of the original Girdlestone pump. Crucially, it was also engineered to be dimensionally interchangeable with the existing pump, minimising the need for modifications to associated pipework, plant infrastructure, and equipment.

Manufactured to ATEX requirements with Plan 31 seal arrangements and associated gauges, the bespoke pumps were completed within a short 26-week lead time, aligning with the required maintenance window, and ensuring minimal disruption to the continuous operation of the Dan Fox platform.

Oliver Briggins, managing director of Amarith, said: "We are pleased that we could once again use our extensive experience of replacing Girdlestone pumps along with our product agility to successfully supply new pumps which could be commissioned on the platform with minimal production downtime."

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