



## Case Study: Bridgeforth Engineering

Surface Technology, a world leader in the application of high performance surface treatments, continue to support precision engineers Bridgeforth Engineering by protecting their products from extreme environmental factors.

Bridgeforth Engineering is a leading progressive engineering company based in Inverkeithing, Scotland. Established in 1979, the company manufactures a wide range of precision machined components for use in the oil, gas and renewable energy sectors.

Much of their manufactured equipment, such as pipelines and Christmas trees, is used in subsea oil drilling operations and is thus subjected to great strain on a daily basis. The components are often exposed to extremely harsh undersea conditions which can lead to tremendous wear and corrosion.

*Protect pipelines against corrosion from hydraulic fluids...*

Bridgeforth began using Surface Technology around twenty years ago following a recommendation from FMC Technologies, a prominent Bridgeforth customer. Since then, they have made use of a variety of Surface Technology's services and the two companies have maintained a strong business relationship over the years.

Armourcote® PTFE coatings are applied to drill bits and Christmas Trees to provide outstanding abrasion resistance and a very low co-efficient of friction to reduce the likelihood of breakdowns and improve the equipment's lifespan.

Bridgeforth also take advantage of other Armourcote® surface treatments, such as Armourcote® 4000 series, an aqueous fluoropolymer coating, to protect pipelines against corrosion from hydraulic fluids and subsea conditions.



Purchasing Manager Maureen Pagan regularly deals with Surface Technology's East Kilbride facility. Commenting on the standard of service, she quotes:

*"We've been using Surface Technology for the last twenty years or more. Over this time we've built up a very good relationship with them and they have always provided us with a really good service."*

Maureen also explained that the high level of technical knowledge and quality control, as well as the effectiveness and speed of the delivery service, were further reasons for their continued relationship with Surface Technology.



For more information visit:  
[www.surfacetechology.co.uk](http://www.surfacetechology.co.uk)



See how we can help you, call us today on: **02476 551401**