



Expro, as leading subsea well access solution provider, has now designed and tested the first fully NACE MR0175 compliant fail-close bi-directional high debris ball valve which can shear and seal on wire and coiled tubing

We deliver market leading rental and bespoke subsea well access solutions, providing primary means of well control and disconnect options during well testing, completion or intervention operations.

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Introducing our latest technology

Expro's high debris shear and seal ball valve technology is market leading, providing the following functionality:

- Shear and post shear seal (gas and liquid) on slick line, braided electrical cable via spring force only;
- Shear and post shear seal (gas and liquid) on coiled tubing;
- Bi-directional sealing with liquid and gas, even after performing a pump-through;
- Validation testing in accordance with API Std 17G;
- NACE MR0175 compliant

The shear and seal valve is currently available within our ELSA-HP 15ksi equipment offering, and can be packaged as a single valve, single valve with latch mechanism or as a Subsea Test Tree. Expro are currently adapting this mechanism into our ELSA-HD 10ksi equipment and open water system offerings.

Expro have enhanced the shear and post shear seal capability of the high debris ball valve technology and can now provide the industry's first fully NACE MR0175 compliant, patented fail-close mechanism that can shear and seal on wire and coiled tubing whilst maintaining the bi-directional sealing in high debris environments. The ball valve is suitable for in-riser or open water environments.

