

IADC (International Association of Drilling Contractors) Advanced Rig Technology Committee: Blow Out Preventer Subcommittee Activity

Proserv Gilmore Valve has been working with the IADC Advanced Rig Technology Committee to create a new recommended practice for BOP control valve qualification. This recommendation document provides information and guidance to improve safety, reliability, and performance of BOP controls.

The recommendations cover design qualification criteria for new control valve designs used in BOP control systems. The group working on this endeavour with Proserv includes a number of operators, drilling contractors, OEMs, as well as other equipment manufacturers.

The different levels of experience from end users, system integrators, and fellow manufacturers allows Proserv Gilmore Valve a better understanding of how their valves are used. So more reliable designs with pertinent qualification testing resembles real applications.



To date, the group has released recommendations for shuttle valve, SPM and DCV qualification, and is currently working on relief valve and regulator qualification recommendations. The group plans to continue its work across all areas of equipment used within BOP controls.

Proserv Gilmore Valve is implementing these recommendations, many of which were at their own suggestion, into their qualification test and report regime on new valve designs.

Recently, Proserv Gilmore Valve has released several new World Class product lines; the 1/4" shuttle valves, the 1/2" variable pilot valves, the 1/2" check valves, the 1/2" quick dump valves, the Traditional Gen 2 shuttle valves and the Mark IV shuttle valves.

Rapid-S53 Involvement

Proserv Gilmore Valve has also been working with the IADC / IOGP JIP group to join the Rapid-S53 group, previously reserved for only Operators, Drilling Contractors, and OEMs.

By becoming the first manufacturer in Rapid-S53, Proserv Gilmore Valve now receives direct reporting on field issues and failures through the group. With this information, Gilmore has a better understanding of how and where their valves are used in the field, so they can now address the issues directly through customer interaction, failure analysis, aftermarket repair, and valve design.

Alongside the Rapid-S53 group, Proserv Gilmore Valve works with the U.S. Bureau of Safety and Environmental Enforcement (BSEE) and the Bureau of Transportation Statistics (BTS), sharing feedback on their annual Safe OCS Blowout Prevention System Safety reporting on improvement, year after year.

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