



YOUR ONE SOURCE FOR BAVO SOLUTIONS

The Bureau of Safety and Environmental Enforcement (BSEE) issued regulations in 2016 establishing well construction and BOP design and maintenance requirements. A key component of the BOP maintenance requirement is independent assessments by a BSEE Approved Verification Organization (BAVO). BAVO will enhance BSEE review during the well-permitting process by assuring BOP equipment is monitored during its service life to verify compliance with BSEE requirements, OEM recommendations and recognized engineering practices.

ABS brings 30 years of experience to this role, including:

- BOP Engineering Design Review
- BOP surveys and inspections
- Coastal regulations on Well Control Systems

The *ABS Guide for the Classification of Drilling Systems*, first published in 1986, served as the compliance basis for UK regulations. The Guide has been revised over the years to keep pace with technology advancements, with the most recent update in 2017. ABS brings extensive industry and regulatory experience to its role as BAVO and can address all of the BSEE requirements.

A LIFECYCLE APPROACH

BSEE has taken a lifecycle approach to BOP safety, beginning with design review followed by verification of mechanical integrity. ABS supports lifecycle success by delivering experience:

- Design review and approval of most classes of BOPs
- Class of drilling systems, including well control on over 60 drilling units
- Trained Surveyors at strategic locations
- Standards for risk-based design and inspection assessments
- Long-term working relationship with BSEE

THE PROCESS

ABS BAVO service is based on a stage gate approach that supports the decision-making process. It is performed in three stages of increasing depth to clarify the BAVO scope:

STAGE 1

Initial evaluation to determine the status of equipment and previous certification.

STAGE 2

Evaluation of the lifecycle stage. Assessing the current scope of the design review and the maintenance cycle.

STAGE 3

Providing requirements for service in the BAVO process and furnishing the required BAVO documentation.

WORLD HEADQUARTERS

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