

## Summary of 30 CFR Part 250

### ***1.0 Scope and Objectives***

30 CFR Part 250 outlines the responsibilities of the Minerals Management Services and the regulations of the MMS Offshore program that govern oil and gas and sulphur operations on the Outer Continental Shelf (OCS).

### ***1.1 Protection of health, safety and the environment***

The Regulations requires all lessees and operators to protect health, safety and the environment by:

- Controlling, removing or correcting any hazardous oil and gas accumulation or other health, safety or fire hazard.
- Using the best available and safest technology (BAST)
- Conducting all operations in a safe and workmanlike manner and
- Maintaining all equipment in good condition.

### ***1.2 Safety systems***

The Regulations state that all platform production facilities must be protected with a safety system designed, analysed, installed, tested and maintained in operating condition in accordance with *API RP 14C - Safety Analysis for Production Platforms*. The document specifies the minimum safety devices to be installed to protect personnel, the environment, and the production facility from threats to safety caused by the production process.

The Regulations also require that a production safety system application is submitted prior to installation. The application shall contain schematic flow diagram of process equipment, schematic piping flow diagram, electrical system information, certification of the mechanical and electrical systems and the design and schematics of the installation of all fire and gas detection systems.

Additional production system requirements for pressure vessels, flowlines, safety sensors, ESD, firefighting systems and fire and gas detection systems are detailed in Part 250.803. In particular, it states that the firefighting systems for both open and totally enclosed platforms shall conform to *API RP 14G – Fire Prevention and Control on Fixed Open-type Offshore Production Platforms*.

### ***1.2 Testing of safety systems***

The Regulations state that safety system devices shall be inspected and tested at specified intervals. The testing must be carried out in accordance with API RP 14C, Appendix D.

### ***1.3 Industry standards***

The Regulations provides a list of standards that the platform design, analysis, fabrication, installation, use, maintenance, inspection and assessment must conform to. In particular, hazard analysis should be carried out in accordance with *API RP 14J - Design and Hazards Analysis for Offshore Production Facilities*.