

# SEMS

## Problem

On November 15, 2011, the Bureau of Safety and Environmental Enforcement (BSEE) regulation 30 CFR Part 250 mandated development and implementation of Safety and Environmental Management Systems (SEMS) for all operators of oil, gas and sulfur assets in the Outer Continental Shelf.

30 CFR Part 250 replaced its voluntary predecessor API RP 75, much like 29 CFR Part 1910.119 replaced recommended practice API RP 750 nearly twenty years ago with a mandate for Process Safety Management (PSM) for oil, gas and chemical process manufacturers.

The parallels between the two mandates are striking. But perhaps most striking is the amount of trepidation and uncertainty that many operators facing 30 CFR Part 250 feel when trying to comply with both the letter and the spirit of the new mandate.



## SEMS 30 CFR PART 250

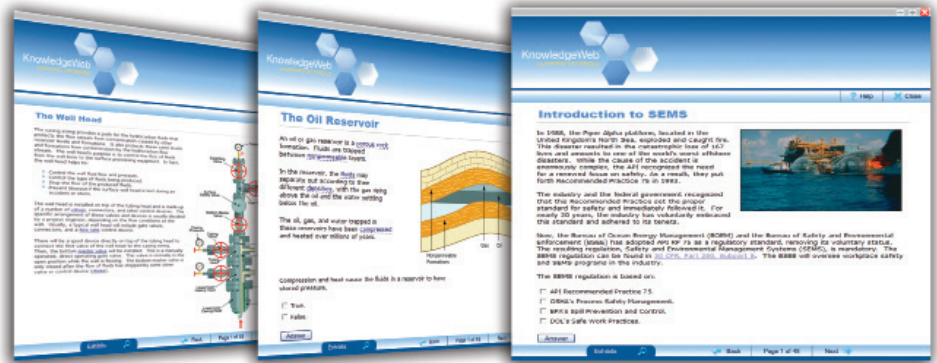
- General
- Safety and Environmental
- Hazards Analysis
- Management of Change
- Operating Procedures
- Safe Work Practices
- Training
- Assurance of Quality and Mechanical Integrity of Critical Equipment
- Pre-Startup Review
- Emergency Response and Control
- Investigation of Incidents
- Audit of Safety and Environment Management Program Elements
- Records and Documentation

## PROPOSED REQUIREMENTS

- Stop Work Authority (30 CFR § 250.1930)
- Ultimate Work Authority (30 CFR § 250.1931)
- Employee Participation (30 CFR § 250.1932)
- Reporting Unsafe Work Conditions (30 CFR § 250.1933)

## BENEFITS OF A SEMS KNOWLEDGEWEB

- Data Transformation – organize, rationalize and integrate all SEMS data including: org charts, emergency response plans, operating procedures, inspection and calibration records, audit reports and many more.
- Information Accessibility – intuitive navigational transfers data into readily-usable information for staff and contractors when and where it is needed
- Scheduling and Control – timing and completion of all events ranging from training to maintenance to audit schedules, to management of change are scheduled, tracked and recorded for compliance
- Knowledge Transfer – a unique learning path for each individual is generated based on current knowledge and specific job responsibilities resulting in an individual measurement of successful knowledge transfer
- Records Management – comprehensive records management for all training, maintenance, audit, incident investigations, procedure updates, etc.



# Solution

RDC now offers the same comprehensive solution for SEMS compliance that has been helping our process manufacturing clients comply with PSM for over 20 years. A SEMS KnowledgeWeb is your single source for SEMS data and program management. All of the data, process, procedure, record-keeping and training required by 30 CFR Part 250 is available 24/7, from anywhere, with nothing more than a simple web-browser.

The KnowledgeWeb provides all of the functionality to build, use and maintain your SEMS program. Our compliance experts will work with your subject matter experts to create a fully customized SEMS KnowledgeWeb for all of your current and future program data and procedures. Each of the original 13 SEMS requirements as well as the four recently proposed requirements are addressed.

Your SEMS KnowledgeWeb will ensure that all of your data is current, accessible and protected. It will ensure that all of the myriad schedules and activities required by your process are documented and performed when needed. It will ensure that your people and your contractors are proficient in their jobs. And it will ensure that the necessary records and documentation are in place to prove compliance.

A custom SEMS KnowledgeWeb is the most-effective and lowest-cost compliance solution available for addressing SEMS implementation or ongoing maintenance of your program.

For more information,  
call (800)360-7222

or visit RDC on the web:  
[www.resourcedev.com](http://www.resourcedev.com)



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