Keywords: Credential, PSM, COMAH, curriculum, qualifications, benchmarking, certificate, certification, ThePSMeBook™, safety culture, Process Safety Management, OSHA

Abstract

The strong growth of the oil and gas industry in many places around the world, coupled with the demographics of the workforce and growing regulation, indicates a need for an effort to certify or credential many younger and new workers in Process Safety Management, or PSM. In the USA and in the UK, the current university efforts are building, but are largely immature at this point in time. Additionally, the movement of experienced technical and engineering personnel indicates that additional competence building could be helpful. The high mobility of the oil and gas workforce suggests that a method is needed to standardize, to track and to ensure a growing level of PSM competency through many employers. The authors will introduce an already established, benchmarked and certified PSM curriculum and technique, approved and registered in the UK. The training process is setup so that oil and gas personnel can learn the requirements of US OSHA, UK COMAH, and other Risk Based Process Safety Topics (CCPS) of interest to both US and UK regulators. The curriculum is approved and audited to outcomes by UK training and rating agencies. Portions of the coursework are delivered asynchronously over the web, while other portions can be part of an in-house or open-sourced training effort. With business and regulatory requirements tightening, a Process Safety Management Credential, delivered in module form, makes sense to the many firms that prefer to operate “beyond compliance.”