ABSTRACT

Many companies are in the process of validating or updating their asset integrity management program for safety instrumented systems with the intent of achieving the performance standards in ISA 84.00.01, *Functional Safety: Safety Instrumented Systems for the Process Industry*. It is a challenge to determine the best organizational structure, the relevant roles and responsibilities, and the training or skills of individuals in key positions to execute the Safety Lifecycle workflow.

Some companies are setting up groups within their engineering organizations; others are expanding their reliability or maintenance departments. Still others are assigning the leadership roles in the process safety departments. In truth, execution of the Safety Lifecycle, as with the Process Safety Standard 29 CFR 1910.119, requires an integrated workflow across multiple disciplines and areas of practice.

The author will outline the organizational characteristics of a strong Functional Safety Program and the roles to be filled to predictably execute the full Safety Lifecycle and achieve the related risk management objectives. These roles will be outlined in terms of responsibilities, technical and business acumen and training, and interpersonal skills relevant to success.