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API 1173 Pipeline Safety Management System Requirements: Competence, Awareness and Training

American Gas Association

**What does Competence,
Awareness and Training
mean, related to the
Pipeline Safety
Management System?**

Competence, Awareness and Training

The pipeline operator shall assure ensure that personnel whose responsibilities fall within the scope of the PSMS have an appropriate level of competence in terms of education, training, knowledge, and experience. Where contractors, are used to support the PSMS, the pipeline operator shall assure that they have the requisite competence.

Competence, Awareness and Training

The pipeline operator shall define the need for and provide training to enable development and implementation of the PSMS elements. Training shall include refresher training and raising awareness where executing the safety assurance and continuous improvement sub-elements reveal opportunities to improve processes and procedures. Records of training shall be maintained.

Competence, Awareness and Training

The pipeline operator shall provide training and updates as necessary so that personnel and contractors who have accountabilities, responsibilities, and authorities in executing the requirements of the PSMS are updated and aware of:

- a. applicable elements of the PSMS that affect their job requirements;
- b. newly emerging or changing risks, problems in execution of the PSMS, and opportunities to improve processes and procedures; and
- c. potential consequences of failure to follow processes or procedures.

Competence, Awareness and Training

Once initial training is completed, in addition to refresher training, competence, awareness and training must be considered in the Plan, Do, Check, Act continuous cycle and in the records.



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