



Australian Government

Assessment Requirements for PMAOPS338 Communicate and monitor pipeline activities

Release: 1

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Modification History

Release 1. Unit code and Application changed. Performance Criteria changed. Range of Conditions removed. Assessment Requirements changed. Supersedes and is equivalent to PMAOPS330 Communicate and monitor pipeline activities.

Performance Evidence

There must be evidence the candidate has completed the tasks outlined in the elements and performance criteria of this unit:

- at least 2 times, each in a separate work context.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- all items on a schematic of the pipeline system, including:
 - principles of operation of plant and equipment, pipeline system functions within the design parameters and design philosophy
 - interactions between plant items and processes
 - operating parameters and integrity limits, and product specifications and tolerances including temperature, pressure and flow
 - process information schemata of the pipeline system and associated facilities
 - architecture of the pipeline system
 - gas quality and analysis equipment operation
 - safety data sheets (SDS) information
 - emergency shutdown procedures
 - functions of major components and troubleshooting techniques
- abnormal situations and required actions, including:
 - communications disruptions
 - corrosion and hydrate formation
 - variations in flow temperature and/or pressure
 - failures of piping, valves or flanges
 - pipeline leakages
- hierarchy of control
- pipeline system hazards:
 - possible causes
 - potential consequences
 - appropriate risk controls.

Assessment Conditions

Skills must have been demonstrated in the workplace or in a simulated environment that reflects workplace conditions and contingencies. The following conditions must be met for this unit:

- use of suitable facilities, equipment and resources, including:
 - pipeline control system
 - operating procedures
- abnormal situations must be relevant to pipeline control systems.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=9fc2cf53-e570-4e9f-ad6a-b228ffdb6875>