



Australian Government

Assessment Requirements for PMAOPS342 Conduct pipeline pigging

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 PMAOPS335 Conduct pipeline pigging.

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:

- principles of pigging
- all items on a schematic of the pigging system and functions of each, including:
 - operating parameters and integrity limits
 - reasons for pipeline pigging and the type of pig used for each application
 - correct valve sequences
 - expected system pressures for launching and receiving operations
 - prevention and mitigation measures for closure risks
 - the nature and condition of materials and flows entering and leaving the scraper barrels during the launching and receiving operations
- abnormal situations and required actions, including:
 - closure seal failure resulting in hydrocarbon release and possible explosion
 - closure fastening mechanism failure resulting in door striking technician
 - stuck pig
 - delayed pig
 - scraper enclosure leaks
 - leaking valves
 - damaged pig
- hierarchy of control
- pigging 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:
 - pigging system
 - operating procedures
- abnormal situations must be relevant to pipeline pigging.

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>