



**Australian Government**

# **Assessment Requirements for MSS404088 Undertake proactive maintenance analyses**

**Release: 1**

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## Modification History

Release 1. Unit code changed. Application changed. Performance Criteria changed. Foundation Skills populated. Assessment Requirements changed. Supersedes and is equivalent to MSS404085 Undertake proactive maintenance analyses.

## Performance Evidence

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

- undertake proactive maintenance analyses of at least 2 items of plant or equipment

## Knowledge Evidence

There must be evidence the candidate has knowledge of:

- cleaning requirements and operational principles of equipment in area of responsibility
- methods of assessing operator and maintenance skill gaps and addressing them
- techniques for determining mean time between failures (MTBF)
- techniques for undertaking failure effects analysis
- principles of competitive systems and practices strategies being implemented and how to adapt them to maintenance
- root cause analysis
- techniques to analyse condition monitoring data.

## 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
- modelling of industry operating conditions, including:
  - proactive maintenance processes and procedures.

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=5b04f318-804f-4dc0-9463-c3fb9a3fe998>

