



Australian Government

NWPTRT030 Operate and control odour removal processes

Release: 1

NWPTRT030 Operate and control odour removal processes

Modification History

Release 1. This is the first release of this unit of competency in the NWP National Water Training Package.

Application

This unit involves the skills and knowledge required to operate and control odour removal processes.

It includes monitoring, operating and controlling odour removal processes, reporting on process performance, and identifying faults and applying technical adjustments.

This unit applies to operational staff with a specific responsibility for odour removal processes. Those undertaking this unit would work under appropriate supervision, performing routine tasks within a familiar context.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Not applicable

Competency Field

Treatment

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

PERFORMANCE CRITERIA

Performance criteria describe the performance needed to demonstrate achievement of the element.

- | | |
|--|---|
| 1 Prepare for work | 1.1 Determine work requirements from job specifications and plans |
| | 1.2 Select and check equipment required to meet safety requirements of task and worksite |
| | 1.3 Select, fit and use required safety equipment, including personal protective equipment (PPE) |
| 2 Operate and control odour removal processes | 2.1 Conduct routine inspections according to workplace procedures |
| | 2.2 Identify and report faults to relevant personnel |
| | 2.3 Compare performance against operational requirements |
| | 2.4 Interpret data and make process adjustments to maintain operational parameters |
| 3 Complete documentation | 3.1 Collect, interpret and record process data according to workplace procedures |
| | 3.2 Identify data outside of normal operational parameters and report to relevant personnel for further action |

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Non-essential conditions may be found in the Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to NWPTRT072 Operate and control odour removal processes.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=26336bc0-04e5-49d9-8c31-46c49b6a0037>

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Assessment Requirements for NWPTRT030 Operate and control odour removal processes

Modification History

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Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all the requirements of the elements and performance criteria on at least one occasion and includes:

- collecting data and completing required documentation
- comparing system performance against operational requirements
- conducting routine plant inspections
- identifying and reporting faults
- identifying control system faults
- making process adjustments according to instructions
- operating odour control equipment
- performing at least one of the following processes:
 - adsorption
 - biological
 - chemical

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all the requirements of the elements and performance criteria and includes knowledge of:

- equipment operation, capacity and limitations
- odour removal processes and principles including:
 - adsorption
 - biological
 - chemical
- odour removal system layout
- risk factors and potential hazards
- relevant regulations and workplace procedures

Assessment Conditions

Assessors must hold credentials specified within the Standards for Registered Training

Organisations current at the time of assessment.

Assessment must satisfy the Principles of Assessment and Rules of Evidence and all regulatory requirements included within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must occur in workplace operational situations where it is appropriate to do so; where this is not appropriate, assessment must occur in simulated workplace operational situations that replicate workplace conditions.

Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

Resources for assessment must include access to:

- relevant and appropriate materials, tools, equipment and personal protective equipment currently used in industry
- applicable documentation including legislation, regulations, codes of practice, workplace procedures and operation manuals.

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