# Assessment Requirements for RIIWBP601D Establish and maintain waste and by-product management system

# Assessment Requirements for RIIWBP601D Establish and maintain waste and by-product management system

## Modification History

| Release | Comment |
|---|---|
| 1 | This unit replaces RIIWBP601A Establish and maintain waste and by-product management system |
| 2 | Required frequency and volume of evidence amended in Performance evidence. <br><br> Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |

## Performance Evidence

Evidence is required to be collected that demonstrates a candidate's competency in this unit. Evidence must be relevant to the roles within this sector's work operations and satisfy all of the requirements of the performance criteria of this unit and include evidence that the candidate:

- locates and applies relevant legislation, documentation, policies and procedures
- implements the requirements, procedures and techniques for the safe, effective and efficient establishing and maintenance of waste and by-product management systems including:
  - facilitating the site environmental investigation
  - facilitating the design of dam systems
  - developing, implementing, communicating and maintaining system procedures
  - selecting the required plant and equipment
  - information management
  - accessing, analysing and reviewing waste management systems
  - auditing waste management performance
  - coordinating human, financial and physical resources
  - evaluating new and used equipment
  - identifying and applying people and process management techniques
  - using conflict resolution
  - negotiation with internal/external stakeholders
  - providing team leadership

- demonstrates completion of the establishment and maintenance of waste and by-product management systems that safely, effectively and efficiently meets all of the required outcomes on more than one (1) occasion including:
  - identifying, assessing and selecting program components
  - identifying required information and scope of work
  - identifying, assessing and selecting system options, including;
  - design of dams
  - selection of equipment
  - installation and commissioning procedures
  - accessing, interpreting and analysing research, information and requirements
  - identifying and applying strategies and systems to investigate the worksite
  - ensuring worksite environmental investigations are completed
  - developing contingency and site plans and procedures for the system
  - developing and implementing information and training systems
  - monitoring, recording and reporting on system performance

## Knowledge Evidence

The candidate must demonstrate knowledge in establishing and maintaining a waste and by-product management system through:

- accessing, interpreting and applying dam design and construction techniques
- accessing, interpreting and applying site plans
- identifying site products and services
- identifying and applying operations techniques
- identifying and applying training and assessment systems
- accessing, interpreting and applying water recycling techniques

## Assessment Conditions

- An assessor of this unit must satisfy the requirements of the NVR/AQTF or their successors; and Industry regulations for certification and licensing; and,
- this unit must be assessed in the context of this sector's work environment; and,
- this unit must be assessed in compliance with relevant legislation/regulation and using policies, procedures, processes and operational manuals directly related to the industry sector for which it is being assessed; and,
- assessment may be conducted in conjunction with the assessment of other Units of Competency; and,
- assessment must confirm consistent performance can be applied in a range of relevant workplace circumstances; and,
- assessors must demonstrate the performance evidence, and knowledge evidence as outlined in this Unit of Competency, and through the minimum years of current* work experience specified below in an Industry sector relevant to the outcomes of the unit; or,

- where the assessor does not meet experience requirements a co-assessment or partnership arrangement must exist between the qualified assessor and an Industry subject matter expert. The Industry subject matter expert should hold the unit being assessed (or an equivalent unit) and/or demonstrate equivalence of skills and knowledge at the unit level. An Industry technical expert must also demonstrate skills and knowledge from the minimum years of current work experience specified below in the Industry sector, including time spent in roles related to the unit being assessed; and,
- assessor and Industry subject matter expert requirements differ depending on the Australian Qualifications Framework Level (AQF) of the qualification being assessed and/or Industry Sector as follows:

| Industry sector | AQF** Level | Required assessor or Industry subject matter expert experience |
|---|---|---|
| Drilling, Metalliferous Mining, Coal Mining, Extractive (Quarrying) and Civil Construction | 1 | 1 Year |
| | 2 | 2 Years |
| Drilling, Coal Mining and Extractive (Quarrying) | 3-6 | 3 Years |
| Metalliferous Mining and Civil Construction | 3-6 | 5 Years |
| Other sectors | | Where this Unit is being assessed outside of the Resources and Infrastructure Sectors assessor and/or Industry subject matter expert experience should be in-line with industry standards for the sector in which it is being assessed and where no Industry standard is specified should comply with any relevant regulation. |

*Assessors can demonstrate current work experience through employment within Industry in a role relevant to the outcomes of the Unit; or, for external assessors this can be demonstrated through exposure to Industry by conducting frequent site assessments across various locations.

**Where a unit is being delivered outside of a Qualification the first numeric character in the Unit code should be considered to indicate the AQF level

# Links

Companion Volume implementation guides are found in VETNet - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=88a61002-9a21-4386-aaf8-69c76e675272