



Australian Government

**Assessment Requirements for
RIIMCU605D Establish and maintain the
inrush management plan**

Release: 2

Assessment Requirements for RIIMCU605D Establish and maintain the inrush management plan

Modification History

Release	Comment
1	This unit replaces RIIMCU605A Establish and maintain the inrush management plan
2	Required frequency and volume of evidence amended in Performance evidence. 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 that the candidate:

- locates and applies relevant legislation, documentation, policies and procedures
- implements the procedures and techniques for the safe, effective and efficient establishment and maintenance of the inrush management plan including:
 - assessing the risks and consequences of inrush
 - operating hand held monitoring equipment
 - accessing and evaluating data from monitoring equipment
 - performing inrush planning mathematical calculations
 - interpreting and applying mathematical and scientific theorems/laws related to inrush
 - accessing and applying design criteria for inrush management systems
 - interpreting computer spreadsheets and inrush modelling/simulations
 - accessing and analysing archival and historical water storage and inrush information related to the mine
- works effectively with others to undertake and complete the establishment and maintenance of the inrush management plan including:
 - communicating clearly and concisely with others to receive and clarify work instructions, and convey work progress
 - identifying the relevant information and scope of the work necessary to meet the required outcomes
 - developing procedures appropriate to mine operations for prevention of inrush

- demonstrates completion of establishing and maintaining the inrush management system that safely, effectively and efficiently meets all of the required outcomes on more than one (1) occasion including:
 - identifying viable options and the selection of inrush management techniques that best meet the required outcomes
 - developing and establishing inrush hazard identification, analysis and reporting procedures
 - establishing inrush training requirement
 - conducting enquiries / investigations and preparing reports

Knowledge Evidence

The candidate must demonstrate knowledge in establishing and maintaining the inrush management plan through:

- identifying and evaluating systems of work
- identifying and assessing factors affecting stability of mining structures
- mine mapping of inrush zones, related geology and features
- identifying and evaluating the impact of differing geological features and conditions on inrush zones
- identifying and evaluating use of monitoring systems and techniques
- identifying and applying emergency response and evacuation/disaster planning processes and 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>