



Australian Government

Assessment Requirements for CPPSSI6041 Compile mine survey plans

Release: 1

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Modification History

Release 1 This version first released with CPP Property Services Training Package Release 12.0.

This unit supersedes and is equivalent to CPPSIS6041 Compile mine survey plans.

Performance Evidence

To demonstrate competency a candidate must meet the elements and performance criteria of this unit by using computer-aided design (CAD) software to develop two mine surveys plan that meet technical project specifications.

Each mine survey plan must incorporate:

- grid convergence
- long and cross-section plot requirements
- map legends
- plot symbols
- sheet surround.

Knowledge Evidence

To be competent in this unit a candidate must demonstrate knowledge of:

- types of mine plans:
 - accident plans
 - emergency plans
 - open cut mine plans
 - surface infrastructure plans
 - underground level plans
 - ventilation plans
- Australian drawing standards, data formats and precision and accuracy requirements for preparing mine drawings using CAD
- height, depth, dimension and position and actual operational activity and virtual representation
- graphical information in cross-sections and plans
- CAD principles, capabilities and uses in relation to mine design
- metadata:

- availability
- conditions of use
- coordinate system
- currency
- custodian
- data accuracy
- data description
- date of acquisition
- licence
- quality
- source
- spatial data acquisition methodologies
- version control
- data reduction and manipulation techniques
- standard engineering and mining plan design and presentation conventions
- industry-accepted standards for mine survey plans
- legislative and organisational requirements for mine survey plans
- methods for validating measurements to identify errors
- key features of mine grid coordinate systems.

Assessment Conditions

Assessors must meet the requirements for assessors contained in the Standards for Registered Training Organisations.

Competency is to be assessed in the workplace or a simulated environment that accurately reflects performance in a real workplace setting where these skills and knowledge would be performed.

Candidates must have access to:

- computer and CAD software.

Links

Companion volumes to this training package are available at the VETNet website -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=6f3f9672-30e8-4835-b348-205dfcf13d9b>