



**Australian Government**

# **Assessment Requirements for RIIBLA303D Conduct underground development shotfiring**

**Release: 2**

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### **Modification History**

Not applicable.

### **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 documentation, policies and procedures
- works effectively with others to undertake and complete underground development shotfiring operations that meet all of the required outcomes including:
  - complying with written and verbal reporting requirements and procedures
  - communicating clearly and concisely with others to receive and clarify work instructions
  - communicating clearly and concisely with others to resolve coordination requirements prior to commencing and during work activities
- demonstrate consistent timely completion of underground development shotfiring operations that safely, effectively and efficiently meets the required outcomes on a minimum of three (3) separate occasions including:
  - planning and preparing for shotfiring
  - supervising the storage and transport of explosives and accessories
  - preparing for charging and charge holes
  - conducting the blast
  - completing post-blast activities
  - carrying out equipment maintenance

## Knowledge Evidence

The candidate must demonstrate knowledge in conducting underground development shotfiring:

- Australian standards and code of practice
- explosives and safety and health legislation
- site geological information
- types, physical and technical characteristics, uses and limitations of explosives and protection measures associated with their use
- initiation systems
- delayed blasts
- cause and management of misfires
- non-conforming conditions
- non-conformities
- explosives disposal methods
- blasting management plan requirements
- planning processes
- equipment characteristics, technical capabilities and limitations
- selection of appropriate explosives to meet site/ground conditions
- monitoring and review 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 is best assessed in the context of this sector's work environment;
- where personal safety or environmental damage are limiting factors, assessment may occur in a simulated environment provided it is realistic and sufficiently rigorous to cover all aspects of this sector's workplace performance, including environment, task skills, task management skills, contingency management skills and job role environment skills; and,
- this unit must be assessed using Resources and Infrastructure Industry sector specific policies, procedures, processes and operational manuals; and,
- an assessor must demonstrate the skills and knowledge of this unit through five (5) years of current and continuous work with the Industry sector and must hold the TAE Assessor Skill Set or equivalent.
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## Links

SkillsDMC RII Companion Volumes - <http://www.skillsdmc.com.au/>