



**Australian Government**

# **RIIUND310D Apply shot-crete underground**

**Release: 2**

## RIIUND310D Apply shot-crete underground

### Modification History

Release	Comment
1	This unit replaces RIIUND310A Apply shot-crete underground
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.

### Application

This unit describes a participant's skills and knowledge required to apply shot-crete underground in Civil Construction and Metalliferous Mining.

This unit is appropriate for those working in operational roles.

Licensing, legislative, regulatory and certification requirements that apply to this unit can vary between states, territories, and Industry sectors. Relevant information must be sourced prior to application of the unit.

### Unit Sector

Civil construction

Metalliferous mining

## Elements and Performance Criteria

<p>1. Plan and prepare to apply shot-crete underground</p>	<p>1.1 Access, interpret and apply shot-crete documentation and ensure the work activity is compliant</p> <p>1.2 Obtain, interpret clarify and confirm work requirements and shift changeover details before proceeding</p> <p>1.3 Select and wear appropriate personal protective equipment for work activity</p> <p>1.4 Select appropriate equipment, safety equipment and ground control materials</p> <p>1.5 Inspect and assess site conditions to determine if scaling is required and take action</p> <p>1.6 Conduct equipment pre-start checks</p> <p>1.7 Identify, address and report potential risks, hazards and environmental issues</p> <p>1.8 Obtain and interpret emergency procedures and be prepared for fire/accident/emergency</p> <p>1.9 Inspect and assess appropriateness of ground control mechanism</p> <p>1.10 Use approved dust suppression equipment and/or extraction methods to ensure adequate ventilation</p>
<p>2. Apply shot-crete</p>	<p>2.1 Prepare and clean targeted surface to ensure maximum cohesion of shot-crete</p> <p>2.2 Erect barriers</p> <p>2.3 Minimise the creation of gases and personnel exposure to fumes according to safe shot-creting processes</p> <p>2.4 Select and apply shot-crete utilising appropriate application method according to manufacturer's guidelines and ground condition</p>
<p>3. Conduct housekeeping activities</p>	<p>3.1 Maintain barriers/signs after shot-creting</p> <p>3.2 Complete all required documentation clearly, concisely and on time</p> <p>3.3 Clean equipment, ascertain condition of equipment and ensure safe and efficient operations</p> <p>3.4 Pass on end of shift information to oncoming shift</p>

## **Foundation Skills**

Foundation skills essential to performance are explicit in the performance criteria of this unit. Further information is available in the Resources and Infrastructure Industry Training Package Companion Volume.

## **Unit Mapping Information**

RIIUND310 Apply shot-crete underground

## **Links**

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=88a61002-9a21-4386-aaf8-69c76e675272>