



**Australian Government**

# **RIIUMM303D Conduct hand held mining**

**Release: 2**

## RIIUMM303D Conduct hand held mining

### Modification History

Release	Comment
1	This unit replaces RIIUMM303A Conduct hand held mining
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 conduct hand held mining in 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

Metalliferous mining (Underground)

### Elements and Performance Criteria

1. Plan and prepare for hand held mining	1.1. Access, interpret and apply hand held mining documentation and ensure the work activity is compliant 1.2. Obtain, interpret, clarify and confirm work instructions 1.3. Identify, address and report environmental issues, potential risks and hazards 1.4. Select and wear appropriate personal protective equipment 1.5. Wash down and visually inspect work area to ensure safe access 1.6. Ensure work area is properly ventilated and free of dust and blasting fumes before entry 1.7. Inspect and assess site conditions and determine if scaling is
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	<p>required and take action</p> <p>1.8. Identify, inspect and clearly mark all exposed butts and misfires</p> <p>1.9. Ensure that butts or remnants are made safe or report the occurrence</p> <p>1.10. Select, and check for faults, equipment/tools for the activity</p> <p>1.11. Identify if breakthrough with drill-steel may occur and take appropriate action</p> <p>1.12. Use approved dust suppression and extraction methods</p> <p>1.13. Obtain and interpret emergency procedures, and be prepared for fire/accident/emergency</p>
2. Set up hand held machine	<p>2.1. Assemble hand held machine and connect services to machine</p> <p>2.2. Conduct equipment pre-start checks and start up procedures</p> <p>2.3. Select, locate and position machine for drilling operations according to the drilling plan</p>
3. Carry out hand held mining operations	<p>3.1. Continually monitor hazards and risks, and ensure safety of self, equipment and others</p> <p>3.2. Select appropriate drill steel and determine hole collar location</p> <p>3.3. Drill holes in accordance with drilling plan</p> <p>3.4. Continue to monitor condition of back, walls and floor</p> <p>3.5. Monitor hand held machine and air-leg for efficient operation</p>
4. Carry out post operational procedures	<p>4.1. Shutdown machine and disconnect services</p> <p>4.2. Inspect machine for defects and damage</p> <p>4.3. Remove equipment, hoses or debris from the work area</p> <p>4.4. Store machine and associated equipment and plant in a designated or safe location</p> <p>4.5. Complete housekeeping requirements</p> <p>4.6. Process and maintain written and verbal recording and reporting requirements</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**

RIIUMM303A Conduct hand held mining

## **Links**

Companion Volume implementation guides are found in VETNet -

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