



**Australian Government**

# **RIIUMM202D Install and maintain vent**

**Release: 1**

## **RIIUMM202D Install and maintain vent**

### **Modification History**

Not applicable.

### **Application**

This unit describes a participant's skills and knowledge required to install and maintain vent 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

<p>1. Plan and prepare for the installation of ventilation systems</p>	<p>1.1. Access, interpret and apply installation of ventilation systems documentation, and ensure the work activity is compliant</p> <p>1.2. Obtain, interpret, clarify and confirm work instructions</p> <p>1.3. Obtain and interpret emergency procedures, and be prepared for fire/accident/emergency</p> <p>1.4. Select, and check for faults, equipment/tools for the activity</p> <p>1.5. Inspect and assess site conditions and determine if scaling is required</p> <p>1.6. Conduct equipment pre-start checks and start up procedures</p> <p>1.7. Identify, address and report environmental issues, potential risks and hazards</p> <p>1.8. Communicate with other equipment operators and personnel using approved communication methods</p> <p>1.9. Use approved dust suppression and extraction equipment/methods</p> <p>1.10. Ensure work area is ventilated before entry</p>
<p>2. Install and maintain vent</p>	<p>2.1. Isolate and lock out ventilation devices</p> <p>2.2. Install and test catenary cable or secure to existing ground support mechanisms where appropriate</p> <p>2.3. Hang and secure ventilation bag</p> <p>2.4. Check vent for correct operation and replace and/or adjust vent if required</p>
<p>3. Remove vent</p>	<p>3.1. Isolate and lock out ventilation devices</p> <p>3.2. Loosen and disconnect vent support mechanisms</p> <p>3.3. Remove vent whilst ensuring the safety of personnel and associated equipment and services</p> <p>3.4. Seal any reticulation system openings correctly to minimise entry of foreign material</p>
<p>4. Conduct housekeeping activities</p>	<p>4.1. Clear work area and dispose of or recycle materials</p> <p>4.2. Clean and maintain condition of equipment, ensure suitability for use, and address/report issues</p> <p>4.3. Manage and/or report hazards, and maintain a safe working environment</p> <p>4.4. Process and maintain written records</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**

RIIUMM202A Install and maintain vent

## **Links**

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