



**Australian Government**

# **RIPGP202D Handle reagents**

**Release: 1**

## **RIIPGP202D Handle reagents**

### **Modification History**

Not applicable.

### **Application**

This unit describes a participant's skills and knowledge required to handle reagents 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

## Elements and Performance Criteria

<p>1. Plan and prepare for reagents handling</p>	<p>1.1. Access, interpret and apply reagents handling documentation and ensure the work activity is compliant</p> <p>1.2. Obtain, read, interpret, clarify and confirm work instructions</p> <p>1.3. Select, and check for faults, equipment/tools for work activities</p> <p>1.4. Select and wear personal protective equipment appropriate for the activity</p> <p>1.5. Identify and address potential risks, hazards and environmental issues, and implement control measures</p> <p>1.6. Obtain and interpret emergency procedures, and be prepared for fire/accident/ emergency</p> <p>1.7. Communicate with other personnel using approved communication methods</p> <p>1.8. Select appropriate type of auxiliary equipment for work activities</p> <p>1.9. Perform equipment pre-start checks</p> <p>1.10. Select appropriate reagents</p> <p>1.11. Use approved fume suppression and extraction methods</p>
<p>2. Start-up equipment in sequence</p>	<p>2.1. Carry out start-up procedures and complete start-up checks according to plant configurations and system requirements</p> <p>2.2. Confirm plant is operational</p>
<p>3. Mix reagents</p>	<p>3.1. Safely mix reagents to required parameters</p> <p>3.2. Continuously inspect plant and identify defects and potential problems</p>
<p>4. Add reagents</p>	<p>4.1. Add reagent according to specified dosage and recommended location</p> <p>4.2. Complete all required written documentation clearly, concisely and on time</p>
<p>5. Transfer and store reagents</p>	<p>5.1. Transfer reagents</p> <p>5.2. Store reagents in approved storage facility</p> <p>5.3. Confirm sufficient quantities of reagents are maintained</p>
<p>6. Shutdown in sequence and/or isolate equipment</p>	<p>6.1. Shutdown or isolate equipment in sequence</p> <p>6.2. Perform post shutdown or isolation checks</p> <p>6.3. Communicate end of shift information verbally or in writing</p>

	to oncoming shift
7. Conduct housekeeping activities	7.1. Clean and check tools and equipment 7.2. Maintain and store tools and equipment

## 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

RIIPGP202A Handle reagents

## Links

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