



Australian Government

RIIPRE303D Conduct gold room operations

Release: 2

RIIPRE303D Conduct gold room operations

Modification History

Release	Comment
1	This unit replaces RIIPRE303A Conduct gold room operations
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 gold room operations 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

1. Plan and prepare for gold room operation	1.1 Access, interpret and apply documentation and procedures for conducting gold room operations and ensure the work activity is compliant 1.2 Receive, interpret and clarify shift changeover details 1.3 Communicate job requirements with other personnel 1.4 Select and wear personal protective equipment appropriate for work activities 1.5 Select appropriate type of auxiliary equipment for work activities 1.6 Perform equipment pre-start checks 1.7 Identify, address and report potential risks and hazards
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	1.8 Identify, address and report environmental issues 1.9 Adhere to emergency procedures 1.10 Use dust suppression and extraction methods 1.11 Ensure area is well ventilated
2. Start-up equipment in sequence	2.1 Carry out start-up procedures and complete start-up checks according to plant configurations and system requirements 2.2 Confirm plant is operational
3. Operate and monitor smelting equipment	3.1 Read and interpret data from equipment indicators 3.2 Continuously inspect operations/plant and containment areas for defects and potential problems 3.3 Read and interpret analysis reports 3.4 Add reagents according to site procedures 3.5 Adjust equipment to operating parameters 3.6 Observe and follow electrical and/or gas safety techniques 3.7 Carry out operator level maintenance 3.8 Complete all required documentation 3.9 Pass on end of shift information verbally or in writing to incoming shift 3.10 Adhere to site security procedures
4. Prepare electrowinning products for smelting	4.1 Treat stripping products in preparation for smelting - fluxing and/or drying 4.2 Record all required information
5. Shutdown in sequence and/or isolate equipment	5.1 Shutdown or isolate equipment based on process and safety requirements 5.2 Perform post shutdown/isolation checks
6. Conduct housekeeping activities	6.1 Clear work area and dispose of, or recycle materials 6.2 Clean and maintain condition of equipment, ensure suitability for use, and address/report issues 6.3 Manage and/or report hazards, and maintain a safe working environment 6.4 Maintain records of gold room processes in accordance with site procedures

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

RIIPRE303A Conduct gold room operations

Links

Companion Volume implementation guides are found in VETNet -

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