



Australian Government

RIIPRE304D Monitor casting quality

Release: 2

RIIPRE304D Monitor casting quality

Modification History

Release	Comment
1	This unit replaces RIIPRE304A Monitor casting quality
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 monitor casting quality in Metalliferous mining.

This unit is appropriate for those working in supervisory 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. Prepare for operations	1.1 Access, interpret and apply documentation and procedures for monitoring casting quality and ensure the work activity is compliant 1.2 Establish and maintain communications with other personnel 1.3 Select and wear personal protective equipment appropriate for work activities 1.4 Identify, address and report potential risks and hazards 1.5 Identify, address and report environmental issues 1.6 Follow emergency procedures 1.7 Use approved dust suppression and extraction methods 1.8 Ventilate work area 1.9 Check tools and required equipment availability and checks
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	<p>for operational readiness</p> <p>1.10 Set up equipment according to company standard work procedures</p>
2. Maintain efficient operation of casting area	<p>2.1 Carry out plant and equipment start-up checks and procedures according to plant/equipment configurations and system requirements</p> <p>2.2 Control systems supplying air and water to the casting and quality inspection area</p> <p>2.3 Clean and condition ladles and launders for safe, efficient casting to operating standard</p> <p>2.4 Prepare ladle and launder for maintenance and/or repair as required</p> <p>2.5 Maintain work area in a clean, safe condition</p>
3. Control quality of castings	<p>3.1 Carry out and record pre-start quality control equipment checks</p> <p>3.2 Visually inspect castings in their mould for compliance with specification</p> <p>3.3 Operate equipment to remove reject castings</p> <p>3.4 Dress cooled castings to allow efficient refining</p> <p>3.5 Batch and identify castings</p> <p>3.6 Complete production documentation</p> <p>3.7 Pass on end of shift information verbally or in writing to incoming 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

RIIPRE304A Monitor casting quality

Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=88a61002-9a21-4386-aaf8-69c76e675272>