



**Australian Government**

# **RIIPSM306D Supply molten metal and additives to furnaces**

**Release: 2**

## RIIPSM306D Supply molten metal and additives to furnaces

### Modification History

Release	Comment
1	This unit replaces RIIPSM306A Supply molten metal and additives to furnaces
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 supply molten metal and additives to furnaces 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 to supply molten metal and additives to furnaces	1.1 Access, interpret and apply smelting documentation and ensure the work activity is compliant 1.2 Obtain, interpret and clarify and confirm work requirements before proceeding 1.3 Identify, address and report potential risks, hazards and environmental issues and implement control measures 1.4 Establish and maintain communications with other personnel 1.5 Coordinate with others at the site prior to commencement of, and during, the work activity 1.6 Carry out and record pre-start checks
2. Carry out crane	2.1 Prepare load for lift

operations for supply of molten metal and additives to furnaces	2.2 Ensure no unauthorised entry to operating area 2.3 Select, fit and use auxiliary lifting devices and equipment 2.4 Carry out operations in cooperation with mobile plant and equipment 2.5 Perform correct, safe lifting and associated operations, above and with, operating furnaces containing molten metal 2.6 Pour molten metal into different size receivers 2.7 Contain molten metal when lifting and setting down 2.8 Eliminate swing when lifting and transporting molten metal containers to furnaces/converters 2.9 Maintain communications with other operations personnel
3. Carry out operator maintenance	3.1 Carry out gantry crane inspections and fault finding? 3.2 Carry out routine gantry crane maintenance tasks 3.3 Provide operator support during preparation for, during and on completion of major operator maintenance tasks 3.4 Process written records
4. Conduct housekeeping activities	4.1 Clean, check, maintain and store plant, tools and equipment 4.2 Report issues identified with plant, 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

RIIPSM306A Supply molten metal and additives to furnaces

## Links

Companion Volume implementation guides are found in VETNet -

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