Australian Government

RIIMCU605D Establish and maintain the inrush management plan

Release: 1

INDUSTRY
SKILLS
COUNCILS
Creating Australia's Future

RIIMCU605D Establish and maintain the inrush management plan

Modification History

Not applicable.

Application

This unit describes a participant's skills and knowledge required to establish and maintain the inrush management plan in Coal mining.
This unit is appropriate for those working in management 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

Coal mining (Underground)

Elements and Performance Criteria

1. Plan and prepare to establish and maintain the inrush management plan	1.1 Access, interpret and apply inrush management system documentation, and ensure the work activity is compliant
	1.2 Identify the potential sources and effects of inrushes
	1.3 Analyse and evaluate mine site historical information for indications of inrush potential
	1.4 Identify, analyse and evaluate geological and physical conditions that contribute to inrush potential
	1.5 Identify, analyse and evaluate inrush hazards and risks
	1.6 Identify, analyse and evaluate the effects of inrush on mine operations and personnel
2. Identify, analyse and evaluate potential inrush controls	2.1 Identify, analyse and evaluate potential inrush controls
	2.2 Identify, analyse and evaluate inrush controls to deal with matters identified from the review of historical information
	2.3 Identify, analyse and evaluate inrush controls to deal with geological and physical conditions
	2.4 Identify, analyse, evaluate and confirm the validity of mine plans and associated records
	2.5 Identify, analyse and evaluate the methods, purposes and capabilities of mine monitoring systems
3. Design and develop inrush management systems	3.1 Design and develop inrush controls for addressing inrush hazards for the inrush management system
	3.2 Determine personnel safety measures and techniques into the inrush management system
	3.3 Design and/or incorporate services and infrastructure protection measures into the inrush management system
	3.4 Design and develop mine monitoring requirements relating to inrush
	3.5 Integrate the system elements to complete the inrush management system design
4. Establish the inrush management plan	4.1 Develop and establish inrush hazard identification, analysis and reporting procedures
	4.2 Establish actions and procedures required in response to inrush indicators
	4.3 Develop permit-to-mine procedures
	4.4 Establish personnel safety measures and techniques
	4.5 Establish services and infrastructure protection measures to

	minimise damage caused by inrush
	4.6 Establish the monitoring, recording and reporting procedures
	4.7 Establish emergency response and evacuation plans
	4.8 Establish training requirements for the inrush management plan
5. Plan and prepare for the implementation of the inrush management plan	5.1 Access, interpret and clarify the inrush management plan
	5.2 Identify, clarify and communicate to all personnel roles and responsibilities, as specified in the inrush management plan
	5.3 Identify, forecast, obtain and allocate/schedule resources required for the implementation of the inrush management plan
	5.4 Implement the inrush management plan training program
	5.5 Review inrush management plan implementation procedures, and implement required changes
6. Audit and review the effectiveness of the inrush management plan	6.1 Audit the inrush management system
	6.2 Audit mine monitoring systems
	6.3 Audit inrush hazard identification, monitoring and response procedures
	6.4 Audit recording plans and procedures
	6.5 Audit inrush training plan for currency, relevance and compliance with the requirements of the inrush management system
	6.6 Identify and respond promptly to instances of non-compliance or other discrepancies/deficiencies revealed by audit
	6.7 Maintain written records, reports and policy documentation

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

RIIMCU605A Establish and maintain the inrush management plan

Links

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