



Australian Government

RIIOGD304D Apply effective coal seam gas control practices

Release: 3

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Modification History

Release	Comment
1	This unit replaces RIIOGD304A Apply effective coal seam gas control practices
2	Performance Criteria amended to make requirements more explicit.
3	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 apply effective coal seam gas control practices in Coal mining and Drilling.

This unit is appropriate for those working in operational roles in coal-seam methane gas drilling operations within:

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

Drilling

Elements and Performance Criteria

1. Plan and prepare for operations for applying effective coal seam gas control practices	1.1 Access, interpret and apply coal seam gas control documentation and ensure compliance to the work activity 1.2 Obtain, read, clarify and confirm and apply work instructions 1.3 Identify, address and report potential hazards and risks and environmental issues 1.4 Select and wear personal protective equipment appropriate to the work activities 1.5 Resolve coordination requirements with others at the site prior
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	to commencing, during, and on completion of work activities
2. Apply coal seam gas control strategies	2.1 Apply approved methods to control identified hazards associated with coal seam gas control under varying working conditions 2.2 Recognise and respond to early warning signs of kicks and coal seam gas going under-balanced while drilling 2.3 Recognise kick indicators and apply kick detection methods and responses during coal seam gas control operations 2.4 Operate equipment to minimise swabbing and surging 2.5 Apply tripping methods 2.6 Apply relevant components of industry requirements and government regulations related to coal seam gas control and influx prevention during operations 2.7 Prepare written records and reports
3. Coordinating with coal seam gas control crew activities	3.1 Inform assistants of their roles and responsibilities in a coal seam gas control situation and monitor their application 3.2 Communicate operational activities and information to other crew during coal seam gas control operations 3.3 Conduct coal seam gas control drills and exercises to ensure crew readiness for emergency situations
4. Operate and monitor coal seam gas control equipment and processes	4.1 Verify availability and set up of coal seam gas control equipment 4.2 Inspect coal seam gas control equipment for safety and fitness-for-purpose and rectify and/or report faults and malfunctions 4.3 Install, test and operate coal seam gas control equipment 4.4 Monitor, read and interpret measuring and testing equipment and devices to ensure planned, safe, effective coal seam gas control 4.5 Assist in installation, maintenance and replacement of equipment
5. Apply coal seam gas kill procedures	5.1 Confirm coal seam gas control procedures and activities with crew members 5.2 Apply operational instructions 5.3 Apply coal seam gas control working practices 5.4 Apply coal seam gas kill methods 5.5 Carry out emergency shutdown procedures 5.6 Communicate incident information to other crew members

6. Conduct housekeeping activities	6.1	Clean, check, maintain and store plant, tools and equipment
	6.2	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

No equivalent Unit

Links

Companion Volume implementation guides are found in VETNet -

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