



Australian Government

RIIENV301E Conduct atmospheric monitoring

Release: 1

RIIENV301E Conduct atmospheric monitoring

Modification History

Release	Comments
Release 1	This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0.

Application

This unit describes the skills and knowledge required to conduct atmospheric monitoring in the resources and infrastructure industries.

It applies to those working in supervisory and technical specialist roles. They generally work under minimal supervision to undertake a broad range of skilled applications in varied work contexts, using some discretion and judgement in selecting equipment, services or contingency measures.

Licensing, legislative and certification requirements may apply to this unit and can vary between states, territories and industry sectors. Users must check requirements with relevant body before applying the unit.

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare and plan for conducting atmospheric monitoring	1.1 Obtain, interpret and confirm work requirements 1.2 Access, interpret and apply documentation required to conduct atmospheric monitoring 1.3 Access, interpret and apply mine environmental data relevant to the work activities 1.4 Identify and obtain required equipment and resources 1.5 Identify and address potential risks, hazards and environmental issues, and implement control measures according to workplace procedures 1.6 Coordinate activities with relevant personnel 1.7 Obtain and interpret emergency procedures, and be prepared for emergency situations
2. Carry out surveys	2.1 Establish and monitor a safe work environment

ELEMENT	PERFORMANCE CRITERIA
and sampling	2.2 Inspect and test sampling equipment and ensure functionality, safety and compliance according to manufacturer specifications 2.3 Identify the appropriate survey, sampling techniques and sampling type to be carried out according to workplace procedures 2.4 Conduct surveys and sampling according to workplace procedures 2.5 Identify and respond to hazardous and emergency situations according to workplace procedures
3. Conduct primary analysis and respond to results	3.1 Prepare written records and analyse the results of sampling and surveys 3.2 Determine survey and sampling anomalies and actions that can be undertaken to rectify the anomalies 3.3 Report anomalies and actions required to rectify to the relevant personnel
4. Maintain equipment	4.1 Clean and maintain the plant and equipment, inspect to ensure serviceability and rectify or report any faults or issues to relevant personnel 4.2 Process written maintenance records according to workplace procedures

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

SKILL	DESCRIPTION
Reading	Identifies and interprets information from workplace procedures, documentation and regulations
Self-management	Monitors and minimises own exposure to worksite risks and hazards during activities

Unit Mapping Information

Supersedes and is equivalent to RIIENV301D Conduct atmospheric monitoring.

Links

Companion Volume implementation guides is found on VETNet -

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

