



Australian Government

RIISTD202E Collect routine site samples

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with RII Resources and Infrastructure Industry Training Package Version 6.0.

Application

This unit describes the skills and knowledge required to collect routine site samples in the resources and infrastructure industries, including determining sample quantity, frequency and type, and collecting, storing and transporting samples.

It applies to those working in production operator, field assistant and laboratory assistant roles. They generally work under supervision to undertake a prescribed range of functions involving known routines and procedures and take some responsibility for the quality of work outcomes.

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

Unit Sector

Civil construction

Coal mining

Drilling

Extractive industries

Metalliferous mining

Mineral exploration

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. Plan and prepare for sampling	1.1 Obtain, interpret, clarify and confirm work instructions 1.2 Access, interpret and apply documentation required to collect routine site samples 1.3 Select and wear personal protective equipment according to site

ELEMENT	PERFORMANCE CRITERIA
	requirements 1.4 Confirm and coordinate site access, clearances and permits 1.5 Identify, address and report environmental issues, potential hazards and risks 1.6 Confirm sampling method according to sample plan and job requirements 1.7 Select plant, tools and equipment required to carry out tasks and check for faults 1.8 Identify, confirm, and locate materials required for work application
2. Collect and store samples	2.1 Collect samples according to job requirements 2.2 Preserve sample integrity 2.3 Place samples in containers and label according to job requirements 2.4 Document representative sampling, sampling environment, and non-standard aspects according to job requirements 2.5 Store and transport samples according to job requirements 2.6 Maintain sampling equipment
3. Prepare and recover samples	3.1 Verify sample, confirm documentation and equipment for preparation according to job requirements 3.2 Prepare samples according to job requirements 3.3 Contain loss of material and protect sample against contamination 3.4 Recover and clean samples according to sample type and job requirements 3.5 Store or dispose of residues and samples according to site requirements
4. Prepare samples for dispatch	4.1 Label, store and transport samples according to job requirements 4.2 Use reference materials, standards and controls according to job requirements 4.3 Document change to preparation methods according to job requirements 4.4 Forward samples to external laboratories for analysis 4.5 Store, test and dispose of samples according to site requirements

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
Numeracy	Calculates basic measurements including mass and dimensions
Self-management	Monitors and minimises own exposure to worksite risks and hazards during work activities

Unit Mapping Information

Supersedes and is equivalent to RIISTD202D Collect routine site samples.

Links

Companion Volume Implementation Guide is found on VETNet -

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