

Title	Undertake a worksite atmospheric emissions assessment for resource efficiency		
Level	4	Credits	5

Purpose	<p>This unit standard is designed for general atmospheric emission assessments with an aim of minimising waste and using resources efficiently.</p> <p>People credited with this unit standard are able to: obtain background data for a worksite atmospheric emissions assessment; assess process waste emissions at a worksite; and report on waste and inefficiency aspects of atmospheric emissions at a worksite.</p>
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Classification	Zero Waste > Resource Efficiency
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Available grade	Achieved
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Guidance Information

- The following legislation applies to this unit standard:
Hazardous Substances and New Organisms Act 1996;
Health and Safety at Work Act 2015.
- Range
Atmospheric emission assessments exclude assessments for compliance with National Emissions Standards, regional air quality rules, consent applications, and occupational exposure.
- Definitions
Assessment refers to an evaluation of performance to determine current practice.
Organisation refers to an entire business entity in the private or public sector or a business unit within the organisation.

Outcomes and performance criteria

Outcome 1

Obtain background data for a worksite atmospheric emissions assessment.

Performance criteria

- 1.1 Information is obtained about any resource consents applicable to the assessment.

1.2 Any historical monitoring data relating to the assessment is obtained.

Range monitoring data may include – stack analysis, filter back pressure, previously recorded temperatures.

Outcome 2

Assess process waste emissions at a worksite.

Performance criteria

2.1 A visual assessment of the site identifies any process waste emissions or potential emissions.

Range visual assessment may include – overspray, smoke colour, solids on roof, waste outside a cyclone, dust in scrubber, heat loss.

2.2 Interpretation of process records identifies any process waste emissions.

Range may include – pressure drop across scrubber, stack test results, solvent recovery levels.

2.3 Interpretation of complaints and interviews with staff identify any process waste emissions.

Range may include – odour complaint, pollution prevention complaint, nuisance conditions, historical fugitive discharges, accidents.

Outcome 3

Report on waste and inefficiency aspects of atmospheric emissions at a worksite.

Performance criteria

3.1 The report identifies any emissions discovered during the visual assessment, record interpretation, and staff interviews; and recommends appropriate minimisation measures for the most significant emissions.

3.2 The report recommends any further investigation required to measure the extent of emissions and identify potential inefficiencies.

3.3 The report meets the organisation's requirements for data format, type, and detail.

Planned review date	31 December 2023
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	17 June 2011	31 December 2015
Revision	2	21 November 2013	N/A
Rollover and Revision	3	28 June 2018	N/A

Consent and Moderation Requirements (CMR) reference

0014

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact MITO New Zealand Incorporated info@mito.org.nz if you wish to suggest changes to the content of this unit standard.