

Title	Explain environmental management of noise from a primary products food processing operation		
Level	5	Credits	3

Purpose	<p>This theory-based unit standard is for specialist technicians who are responsible for working with environmental systems, in a primary products food processing operation.</p> <p>People credited with this unit standard are able to explain: potential sources and nature of noise detectable at a primary products food processing operation boundary; systems used to measure noise from a primary products food processing operation; and the use of noise management plans to mitigate effects of noise from a primary products food processing operation.</p>
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Classification	Primary Products Food Processing > Primary Products Food Processing - Operational Skills
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Available grade	Achieved
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Explanatory notes

- 1 Legislation relevant to this unit standard includes but is not limited to – Health and Safety in Employment Act 1992, Health and Safety in Employment Regulations 1995, Resource Management Act 1991, and Resource Management (National Environmental Standards Relating to Certain Air Pollutants, Dioxins, and Other Toxics) Regulations 2004 (SR 2004/309, SR 2004/433, SR 2005/214, SR 2008/375).
 - 2 Definition
Primary products food processing operation – covers a meat processing, dairy processing, seafood or baking yeasts manufacturing operation.
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Outcomes and evidence requirements

Outcome 1

Explain potential sources and nature of noise detectable at a primary products food processing operation boundary.

Evidence requirements

- 1.1 Explanation includes characteristics of noise that affects neighbours of a primary products food processing operation.
- Range characteristics include but are not limited to – sound intensity level, pitch, frequency of occurrence, time of day.
- 1.2 Explanation includes potential sources of noise, their characteristics, and methods used to minimise the noise produced.
- Range noise sources may include but are not limited to – pumps, boiler blowdowns, drier exhaust stacks, compressors, vehicle movements;
evidence is required of two noise sources.

Outcome 2

Explain systems used to measure noise from a primary products food processing operation.

Evidence requirements

- 2.1 Explanation includes equipment used for ambient noise measurement at a primary products food processing operation boundary and its limitations.
- 2.2 Explanation includes planning and undertaking a noise survey taking into account timing issues and location of measurement points.
- Range noise survey includes but is not limited to – site operational activities, climatic conditions, time of day, external site noise interferences.

Outcome 3

Explain use of noise management plans to mitigate effects of noise from a primary products food processing operation.

Evidence requirements

- 3.1 Explanation includes assessment of noise survey results, noise modelling, and potential mitigation measures.
- 3.2 Explanation includes development of a noise management plan which includes costing and prioritisation of noise mitigation measures.

- 3.3 Explanation includes compliance with relevant District Plans and use of existing rights.

Replacement information	This unit standard replaced unit standard 25675.
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Planned review date	31 December 2020
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Last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	18 June 2015	N/A

Consent and Moderation Requirements (CMR) reference	0022
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Please note

Providers must be granted consent to assess against standards (accredited) by NZQA, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be granted consent to assess against standards by NZQA before they can register credits from assessment against unit standards.

Providers and Industry Training Organisations, which have been granted consent and which are assessing against unit standards must engage with the moderation system that applies to those standards.

Requirements for consent to assess and an outline of the moderation system that applies to this standard are outlined in the Consent and Moderation Requirements (CMRs). The CMR also includes useful information about special requirements for organisations wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

Comments on this unit standard

Please contact the Primary Industry Training Organisation standards@primaryito.ac.nz if you wish to suggest changes to the content of this unit standard.