

Title	Describe environmental management of noise from a primary products food processing operation boundary		
Level	5	Credits	5

Purpose	People credited with this unit standard are able to describe: potential sources and nature of noise detectable at a primary products food processing operation boundary; systems used to measure noise at a primary products food processing operation; and the use of noise management plans to mitigate effects of noise, at a primary products food processing operation.
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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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Guidance Information

- 1 Legislation and standards relevant to this unit standard includes but are not limited to:
 - Health and Safety at Work Act 2015;
 - Health and Safety in Employment Regulations 1995;
 - Resource Management Act 1991;
 - Resource Management (National Environmental Standards for Air Quality) Regulations 2004 (SR 2004/309, SR 2004/433, SR 2005/214, SR 2008/375); and any subsequent amendments.

- 2 Definitions

Organisational requirements – instructions to staff on policies and procedures which are documented in memo, electronic or manual format and are available in the workplace.

Primary products food processing operation – covers a meat, dairy, seafood fruit and vegetable and honey processing, food and beverage manufacturing, and other related industries.

- 3 All evidence presented in this unit standard must be in accordance with workplace procedures.

Outcomes and performance criteria

Outcome 1

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

Performance criteria

- 1.1 Describe characteristics of noise that affects neighbours at a primary products food processing operation.
- Range characteristics may include but are not limited to – sound intensity level, pitch, frequency of occurrence, time of day; evidence of two characteristics is required.
- 1.2 Describe potential sources of noise in a primary products food processing operation, 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 of two noise sources is required.

Outcome 2

Describe systems used to measure noise at a primary products food processing operation.

Performance criteria

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

Outcome 3

Describe use of noise management plans to mitigate effects of noise at a primary products food processing operation.

Performance criteria

- 3.1 Describe assessment of noise survey results, noise modelling, and potential mitigation measures.
- 3.2 Describe development of a noise management plan which includes costing and prioritisation of noise mitigation measures.
- 3.3 Describe 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 2026
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Last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	18 June 2015	31 December 2024
Review	2	24 March 2022	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>.

Comments on this unit standard

Please contact Hanga-Aro-Rau Manufacturing, Engineering, and Logistics Workforce Development Council qualifications@hangaarorau.nz if you wish to suggest changes to the content of this unit standard.