

Title	Palletise packaged food or related products using automated equipment		
Level	2	Credits	2

Purpose	People credited with this unit standard are able to: prepare to operate automated palletising equipment; and operate automated palletising equipment to palletise packaged food or related products.
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Classification	Food and Related Products Processing > Food and Related Product Storage and Distribution
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Available grade	Achieved
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Guidance Information

- 1 Legislation relevant to this unit standard may include but is not limited to the:
 - Health and Safety at Work Act 2015.
 - Food Act 2014.
 - Food Regulations 2015.
 - Resource Management Act 1991.
- 2 Definitions
 - Equipment* refers to automated palletising equipment such as programme logic controlled (PLC) or computer controlled (including brand names like Wyard and GLC). It may include equipment such as flat belts, rollers, micro switches, optical readers, magazines, safety guards, and motors.
 - Organisational procedures* refer to documents that include: worksite rules, codes, and practices; equipment operating instructions; manufacturer's specifications; production specifications; documented quality management systems; and health and safety requirements, including the use of PPE.
 - PPE* refers to personal protective equipment such as protective clothing, gloves, safety glasses, headwear, footwear, hearing protection, safety devices.
 - Related products* refer to beverages, household products, or personal care products.
- 3 Assessment information
 - All activities and evidence must be in accordance with organisational procedures.

Outcomes and performance criteria

Outcome 1

Prepare to operate automated palletising equipment.

Performance criteria

- 1.1 Automated palletising equipment is prepared.
- 1.2 Equipment is checked for availability, operation, and fitness for purpose.
- 1.3 Equipment is prepared for products in accordance with equipment and production specifications.
- 1.4 Compressed air and power is checked for availability.
- 1.5 Conveyor systems are checked for operation and fitness for purpose.
- 1.6 Availability of pallets in sufficient quantity for scheduled production is checked.
- 1.7 Pallets are checked for condition and damaged ones rejected.
- 1.8 Equipment is loaded in a manner that optimises equipment performance and prevents jamming.

Outcome 2

Operate automated palletising equipment to palletise packaged food or related products.

Performance criteria

- 2.1 Equipment is operated.
- 2.2 Product is palletised to shape in accordance with pallet specification.

 Range specification may include but is not limited to – square, designated configuration, number of packages per pallet and per layer, layers, wrapping requirements.
- 2.3 Product for palletising is packaged in accordance with packaging specification.
- 2.4 Non-conforming packaged product is identified and sent for rework.
- 2.5 Variations in specified technical performance of automated palletising equipment are identified, rectified and/or reported.

 Range variations may include but are not limited to – quality, quantity, safety.

Planned review date	31 December 2025
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	27 August 1996	31 December 2022
Revision	2	15 May 1998	31 December 2022
Revision	3	12 October 1999	31 December 2022
Review	4	19 August 2004	31 December 2022
Review	5	11 December 2009	31 December 2022
Review	6	25 February 2021	N/A

Consent and Moderation Requirements (CMR) reference	0013
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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 Competenz qualifications@competenz.org.nz if you wish to suggest changes to the content of this unit standard.