Title	Operate palletising equipment in a primary industry operation		
Level	3	Credits	5

Purpose	This entry-level unit standard is for people working in the stores area in a primary industry operation.
	People credited with this unit standard are able to: demonstrate knowledge of palletiser operation; prepare the palletiser for operation; operate the palletiser; and shut down the palletiser, in a primary industry operation.

Classification	Primary Sector > Primary Sector Core Skills

Available grade	Achieved

Guidance Information

1   Legislation relevant to this unit standard includes but is not limited to:
- Food (Safety) Regulations 2002;
- Hazardous Substances and New Organisms Act 1996;
- Health and Safety at Work Act 2015;
- Health and Safety in Employment Regulations 1995;
- Resource Management Act 1991;
  and any subsequent amendments.

2   Definitions
Control points – those key points in the work activity which must be monitored and controlled.
Manufacturer's instructions – instructions produced by the equipment manufacturer for safe operation of equipment.
Materials include but are not limited to – cartons and pallets.
Organisational requirements – instructions to staff on policies and procedures which are documented in memo, electronic or manual format and are available in the workplace.

3   Evidence for the practical components of this unit standard must be supplied from the workplace.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of palletiser operation in a primary industry operation.

Performance criteria

1.1 Identify the purpose and basic principles of palletiser operation in terms of relationships between palletising and other materials' handling processes.

1.2 Identify and describe the requirements for palletiser operation in terms of organisational requirements.

Range operating requirements may include but are not limited to – quality characteristics to be achieved, process specifications, procedures, operating parameters, purpose and operation of equipment and instrumentation components, significance and methods of monitoring control points within the palletising operation, services used in palletising, common causes of problems and corrective actions, cleaning and sanitation procedures, shut down procedures;
evidence of three operating requirements is required.

1.3 Identify safety considerations in terms of palletiser operations.

Range safety considerations include but are not limited to – health and safety hazards and controls, lock out and tag out procedures, environmental protection, housekeeping requirements for work area.

Outcome 2

Prepare the palletiser for operation in a primary industry operation.

Performance criteria

2.1 Confirm materials for palletising operation are available in terms of organisational requirements.

2.2 Confirm services are ready for palletiser operation in terms of organisational requirements.

2.3 Set palletiser to operating specifications in accordance with manufacturer's instructions.

2.4 Carry out routine equipment checks to confirm that the palletiser is ready for use in accordance with manufacturer's instructions.

Outcome 3

Operate the palletiser in a primary industry operation.

Performance criteria

3.1 Start up the palletiser in accordance with manufacturer's instructions.

3.2   Monitor control points to confirm that performance is maintained to meet production specifications.

3.3   Palletise product in accordance with production specifications.

3.4   Identify, rectify and/or report any out-of-specification palletising in accordance with organisational requirements.

Range   out-of-specification may include but is not limited to – incorrect stacking pattern, damaged product, or equipment faults.

3.5   Monitor and clear waste generated by the palletising process in accordance with organisational requirements.

Outcome 4

Shut down the palletiser in a primary industry operation.

Performance criteria

4.1   Shut down the palletiser in accordance with manufacturer's instructions.

4.2   Collect, treat, and dispose of or store for recycling waste generated by both palletising process and cleaning in accordance with organisational requirements.

Replacement information	This unit standard replaced unit standard 20011.

Planned review date	31 December 2024

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	17 September 2015	31 December 2022
Review	2	26 September 2019	N/A

Consent and Moderation Requirements (CMR) reference	0232

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

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.