

Title	Transfer bottle-fermented sparkling wines using automated equipment		
Level	3	Credits	5

Purpose	People credited with this unit standard are able to: use safe working practices; prepare to transfer bottle-fermented sparkling wine; and operate transferring equipment.
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Classification	Food and Related Products Processing > Food Production - Beverages
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Available grade	Achieved
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Guidance Information

- 1 Legislation relevant to this unit standard includes but is not limited to the: Health and Safety in Employment Act 1992; Health and Safety in Employment Regulations 1995; Food Act 1981; Food Hygiene Regulations 1974; Food (Safety) Regulations 2002; Resource Management Act 1991; and their associated regulations and subsequent amendments.
- 2 **Range**
Equipment may include but is not limited to – conveyor, de-capper, transvasa, compressor, tanks, lines, fittings.
- 3 **Definitions**
Organisational procedures refers to documents that include: worksite rules, codes, and practices; equipment operating instructions; production specifications; documented quality management systems; and health and safety requirements.
Sparkling wines refers to any of: bottled-fermented sparkling, methode champenoise, or cuvee wines.
Transfer refers to the process of transferring bottle-fermented sparkling wines to a pressurised tank to enable it to pass through a filtration system to remove sediment.
PPE refers to personal protective equipment and may include but is not limited to: protective clothing, gloves, safety glasses, headwear, footwear, hearing protection, safety devices.
- 4 Competence is to be demonstrated on at least three occasions of transferring bottle-fermented sparkling wines.

Outcomes and performance criteria

Outcome 1

Use safe working practices.

Performance criteria

- 1.1 PPE is used in accordance with organisational procedures.
- 1.2 Work environment is kept clean and free from hazards in accordance with organisational procedures.
- Range hazards to – personnel, product, plant.
- 1.3 Documentation is referred to and/or completed in accordance with organisational procedures.

Outcome 2

Prepare to transfer bottle-fermented sparkling wine.

Performance criteria

- 2.1 Preparation for transferring bottle-fermented sparkling wine is in accordance with organisational procedures.
- 2.2 Transferring equipment is checked in accordance with organisational procedures.
- Range set up, operational, contamination free;
contamination free – water, product residue.
- 2.3 Bottle-fermented sparkling wine for transferring is checked to ensure correct carbon dioxide pressure in accordance with organisational procedures.
- 2.4 Carbon dioxide pressure to transvasa is checked in accordance with organisational procedures.

Outcome 3

Operate transferring equipment.

Performance criteria

- 3.1 Operation of transferring equipment is in accordance with organisational procedures.
- 3.2 Carbon dioxide pressure to transvasa is maintained in accordance with organisational procedures.
- 3.3 Bottle-fermented sparkling wine is transferred to tank in accordance with organisational procedures.
- 3.4 Caps are removed from bottles in accordance with organisational procedures.
- 3.5 Wine is expelled from bottles in accordance with organisational procedures.

3.6 Where possible, problems in transfer process are identified, and solutions are implemented or recommended to optimise output and minimise wastage in accordance with organisational procedures.

Range problems may include but are not limited to – safety, equipment, non-conforming product;
solutions may include but are not limited to – notify maintenance need, repair fault.

3.7 Equipment is shut down and cleaned in accordance with organisational procedures.

This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.

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	24 May 2005	31 December 2022
Review	5	28 January 2021	31 December 2022

Consent and Moderation Requirements (CMR) reference	0111
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.