

Title	Calibrate and check fruit sizing equipment		
Level	4	Credits	3

Purpose	This unit standard is for people working in any kind of fruit production. People credited with this unit standard are able to: describe how fruit is sized; calibrate a fruit sizer; and validate calibration by an initial test run and ongoing random sample checks.
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Classification	Horticulture > Fruit Production
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Available grade	Achieved
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Explanatory notes

- 1 *Workplace procedures* refer to written or verbal policies and procedures on safety, operation and production set down by the employer or host organisation.
- 2 *Standards* refer to requirements laid down in quality assurance documentation and industry standards as supplied by an industry body, agent or exporting company.
- 3 Legislation relevant to this unit standard includes but is not limited to the Health and Safety in Employment Act 1992; Employment Relations Act 2000; Resource Management Act 1991; Privacy Act 1993; Hazardous Substances and New Organisms Act 1996 and related regulations; and Occupational Safety and Health Approved Codes of Practice.

Outcomes and evidence requirements

Outcome 1

Describe how fruit is sized.

Evidence requirements

- 1.1 Systems for placing fruit ready for packers are described in terms of differentiating fruit by weight and/or size.

Range electronic, optical, mechanical.

Outcome 2

Calibrate a fruit sizer.

Evidence requirements

2.1 Calibration ensures that fruit of a particular weight and/or size range is sent to a specified bin or bins.

Range one of – electronic, optical, mechanical.

Outcome 3

Validate calibration by an initial test run and ongoing random sample checks.

Evidence requirements

3.1 Fruit checked for size meets specified grade standards for the crop.

3.2 Individual pieces of fruit weighed as necessary meet industry weight grade standards.

3.3 Packed containers of fruit are checked as falling within industry weight tolerances.

3.4 Calibration results are documented according to workplace procedures.

Replacement information	This unit standard and unit standards 2809, 2814, 23360, 23706, 23710, 23712, 23713 were replaced by unit standard 29884 and unit standard 29899.
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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	1 February 1994	31 December 2020
Review	2	28 November 1997	31 December 2020
Revision	3	19 July 2001	31 December 2020
Revision	4	24 February 2006	31 December 2020
Review	5	27 October 2006	31 December 2020
Review	6	16 February 2017	31 December 2020

Consent and Moderation Requirements (CMR) reference	0052
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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 (CMR). 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.

This unit standard is expiring