

Title	Perform pre-start checks, use, and shut down a compressor for blaster coating operations		
Level	3	Credits	2

Purpose	People credited with this unit standard are, for blaster coating operations, able to: perform pre-start checks and procedures on a compressor; use a compressor; and follow shutdown procedures for a compressor.
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Classification	Manufacturing Skills > Manufacturing Processes
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Available grade	Achieved
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Guidance Information

- 1 For assessment against this unit standard the compressor must be used with blaster coating equipment such as stirrers, needle guns, or other abrasive blasting and/or protective coating equipment.
- 2 Legislation relevant to this unit standard includes but is not limited to the: Health and Safety at Work Act 2015.
- 3 Definitions
Accepted industry practice refers to codes of practice and standardised procedures accepted by the wider industry as examples of best practice.
Workplace procedures refer to the procedures used by the organisation carrying out the work and applicable to the tasks being carried out. Examples are – standard operating procedures, safety procedures, equipment operating procedures, codes of practice, quality management practices and standards, and procedures to comply with legislative and local body requirements.
- 4 Assessment information
All activities and evidence must be in accordance with workplace procedures and accepted industry practice.

Outcomes and performance criteria

Outcome 1

Perform pre-start checks and procedures on a compressor for blaster coating operations.

Performance criteria

- 1.1 Compressor lubrication, filtration, and energy requirements are checked in accordance with manufacturer's instructions.

- 1.2 Compressor attachments and accessories for blaster coating operations are checked to confirm safe working order in accordance with manufacturer’s instructions.

Range may include but is not limited to – hoses, cables, couplings, sockets, safety clips.
- 1.3 Hoses are coupled and cables connected in accordance with manufacturer’s instructions, and site requirements.
- 1.4 Personal protective equipment for using a compressor in blaster coating operations is selected and fitted in accordance with manufacturer’s instructions.

Range may include but is not limited to – overalls, safety boots, gloves, safety glasses, earmuffs, hard hat, face shield, gumboots, reflective vest, breathing apparatus.
- 1.5 Location of compressor stop button and/or circuit breaker is confirmed before starting.

Outcome 2

Use a compressor for blaster coating operations.

Performance criteria

- 2.1 Compressor start-up sequence is followed in accordance with manufacturer’s instructions.
- 2.2 Compressor is used for blaster coating operations in accordance with manufacturer’s instructions.

Outcome 3

Follow shutdown procedures for a compressor used in blaster coating operations.

Performance criteria

- 3.1 Shutdown procedure to be followed in a fault situation is demonstrated in accordance with manufacturer’s instructions.

Range air tap release, safety valve, emergency stop.
- 3.2 Compressor is shut down in a blaster coating work situation in accordance with manufacturer’s instructions.

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	20 November 2006	31 December 2012
Revision	2	25 June 2007	31 December 2013
Review	3	18 October 2012	31 December 2016
Review	4	16 April 2015	31 December 2022
Rollover and Revision	5	13 December 2018	31 December 2023
Review	6	26 August 2021	N/A

Consent and Moderation Requirements (CMR) reference

0013

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.