

Demonstrate knowledge of storage and materials handling at a manufacturing or industrial site

Level 2

Credits 4

Purpose People credited with this unit standard are able to demonstrate knowledge of: the supply chain and logistics; and storage and materials handling equipment for different types of materials and/or finished goods.

Subfield Supply Chain Management

Domain Materials Management

Status Registered

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Entry information Open.

Accreditation Evaluation of documentation by NZQA and industry.

Standard setting body (SSB) Competenz

Accreditation and Moderation Action Plan (AMAP) reference 0173

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

Special notes

- 1 For the purpose of this unit standard:
Supply chain includes all activities from the purchase of raw materials to the delivery of finished goods. It includes any logistical support required in the process.
Logistics refers to the process of managing the movement and storage of goods and materials from their source to the point of ultimate consumption.
- 2 Some range statements within this unit standard are indicative and dependent on organisational policy, procedures and practices and the type of application being processed. Candidates are therefore to be assessed against as many items in each range note as are available and relevant.

Elements and performance criteria

Element 1

Demonstrate knowledge of the supply chain and logistics.

Performance criteria

- 1.1 Components of the supply chain within logistics are described.
- Range inwards goods, quarantine, storage, returns, issue, distribution and despatch, inventory control, purchasing and supply, cataloguing.
- 1.2 Functions of each component in the supply chain are identified and described.
- Range receive, store and move stock, monitor stock, stock enquiries, issue stock, dispose of obsolescent stock, despatch stock.
- 1.3 Terms used in the supply chain are defined and their applications described.
- Range last in first off (LIFO), first in first off (FIFO), just in time, lead time, paid on delivery (POD), free on board (FOB).
- 1.4 The term *customer service* is defined in terms of internal and/or external customers.
- 1.5 Materials handling systems in use in the supply chain are described.
- Range bin, rack, pallet, silo, tank, container, conveyor, forklift, forkhoist.
- 1.6 A selected product's supply chain is traced from raw material to the customer.

Element 2

Demonstrate knowledge of storage and materials handling equipment for different types of materials and/or finished goods.

Range types of goods and/or materials – solid, liquid, gas, soft, rigid, heavy, high/low value, hazardous, perishable, edible, vulnerable, items of difficult shape, bond storage.

Performance criteria

- 2.1 Goods are identified according to type.
- 2.2 Location and storage requirements are described for each type in accordance with organisational requirements.

2.3 Equipment used to handle each type of material and/or goods is identified and described in accordance with organisational requirements.

Range includes but is not limited to – conveyors, forklifts, forkhoists, wheeled loaders, pneumatic systems, overhead cranes, pumps, hoses, valves.

Please note

Providers must be accredited by NZQA, or an inter-institutional body with delegated authority for quality assurance, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be accredited by NZQA before they can register credits from assessment against unit standards.

Accredited providers and Industry Training Organisations assessing against unit standards must engage with the moderation system that applies to those standards.

Accreditation requirements and an outline of the moderation system that applies to this standard are outlined in the Accreditation and Moderation Action Plan (AMAP). The AMAP 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.

Comments on this unit standard

Please contact the Competenz at info@competenz.org.nz if you wish to suggest changes to the content of this unit standard.