

<b>Title</b>	<b>Describe process interdependencies and map process flows in a manufacturing environment</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>5</b>

<b>Purpose</b>	People credited with this unit standard are able to, in a manufacturing environment: map process flows; and describe downstream process interdependencies and upstream process interdependencies.
----------------	---

<b>Classification</b>	Manufacturing Skills > Manufacturing Processes
-----------------------	--

<b>Available grade</b>	Achieved
------------------------	----------

---

### Guidance Information

- 1 Legislation relevant to this unit standard includes but is not limited to the: Health and Safety at Work Act 2015.
- 2 Definitions
 

*Candidate's role* refers to the person completing this unit standards role within a manufacturing environment and includes the processes they perform as part of this role.

*Downstream processes* refer to any process performed in a manufacturing operation after a particular manufacturing process has been performed.

*Upstream processes* refer to any process performed in a manufacturing operation before a particular manufacturing process can be performed.

*Workplace procedures* refer to procedures used by the organisation carrying out the work and applicable to the tasks being carried out. Examples are – standard operating procedures, site safety procedures, equipment operating procedures, codes of practice, quality management practices and standards, and procedures to comply with legislative and local body requirements.
- 3 Assessment information
 

All activities and evidence must be in accordance with workplace procedures.

---

### Outcomes and performance criteria

#### Outcome 1

Map process flows in a manufacturing environment.

#### Performance criteria

- 1.1 Upstream processes connected to candidate's role are mapped.

1.2 Downstream processes connected to candidate's role are mapped.

1.3 Candidate's role is described in the context of the process flows.

## Outcome 2

Describe downstream process interdependencies in a manufacturing environment.

### Performance criteria

2.1 Impacts on downstream processes caused by candidate's role are described.

Range may include but is not limited to – production schedule, downtime, breakdown, quality, errors, waste.

2.2 Impacts on candidate's role caused by downstream processes are described.

## Outcome 3

Describe upstream process interdependencies in a manufacturing environment.

### Performance criteria

3.1 Impacts on upstream processes caused by candidate's role are described.

Range may include but is not limited to – production schedule, downtime, breakdown, quality, errors, waste.

3.2 Impacts on candidate's role caused by upstream processes are described.

<b>Planned review date</b>	31 December 2025
----------------------------	------------------

### Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	10 December 2020	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	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](mailto:qualifications@competenz.org.nz) if you wish to suggest changes to the content of this unit standard.