

<b>Title</b>	<b>Plan for a bitumen or asphalt product manufacturing run</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>15</b>

<b>Purpose</b>	People credited with this unit standard are able to plan for a bitumen or asphalt product manufacturing run.
----------------	--

<b>Classification</b>	Infrastructure Works > Bituminous Product Manufacturing
-----------------------	---

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

---

## Guidance Information

- 1 Learning and assessment for this unit standard must be in accordance with the following:
  - Health and Safety at Work Act 2015;
  - Health and Safety at Work (Hazardous Substances) Regulations 2017;
  - Notices for hazardous substances 2017 – Environmental Protection Authority (EPA);
  - Resource Management Act 1991;
  - Best Practice Guideline: Safe Handling of Bituminous Materials Used for Roading (BPG01);
  - The Bitumen Safety Handbook; Civil Contractors New Zealand (CCNZ);
  - Workplace Traffic Management (Worksafe);
  - Specification for Performance-Graded Asphalt Binder, NZTA MO1-A:2019;
  - and all subsequent amendments and replacements.

- 2 Definitions

*Company requirements* include the policy, procedures, and methodologies of the company. They include legislative and regulatory requirements applicable to the company or to a specific site. Requirements are documented in the company's health and safety plans, environmental plans, traffic management plans, contract work programmes, quality assurance programmes, policies, and procedural documents.

*Original equipment manufacturer (OEM)* refers to a company that produces parts and equipment that may be marketed by another manufacturer. It can also refer to the maker of a system that includes other companies' subsystems or an end-product producer.

---

## Outcomes and performance criteria

### Outcome 1

Plan for a bitumen or asphalt product manufacturing run.

**Performance criteria**

- 1.1 Information for planning production schedules and the production programme is gathered from relevant parties in accordance with OEM and company requirements.
- Range relevant parties include but are not limited to – managers, staff, suppliers, customers, laboratory personnel.
- 1.2 Customer requirements are determined in accordance with company requirements.
- Range include but are not limited to – technical requirements, specifications, product advice, guidance on product quantity, reference tables for tonnage.
- 1.3 The technical and quality requirements for a routine job are confirmed through communication with relevant parties in accordance with job specifications and company requirements.
- 1.4 Production planning for a routine product is explained in terms of ensuring sufficient materials, relevant recipe, scheduling the job through the plant, and in accordance with job specifications.
- 1.5 Process control tests and quality control points are determined in accordance with the production plan, contract, and company requirements.
- Range process control tests may include but are not limited to – sampling, input materials, evidence testing, calibrations, viscosity, moisture, temperature, production process tests, outputs.

<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	26 November 2020	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0101
--	------

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

**Comments on this unit standard**

Please contact Connexis - Infrastructure Industry Training Organisation [qualifications@connexis.org.nz](mailto:qualifications@connexis.org.nz) if you wish to suggest changes to the content of this unit standard.