



OVERVIEW OF PLANT OPERATIONS (EXTRACTIVES) - LEVEL 2

Within this award there are 4 possible routes:

- **Plant Operator Route**
- **Slinger Signaller/Loader Securer Route**
- **Road Rail Route**
- **Attachments Route**

All routes require the completion of the **3 Mandatory Core Units**.

To complete the **Plant Operator Route** you must select **one unit** from the 9 optional units given in the Plant Operator Route (4 units in total).

To complete the **Road Rail or Attachments Route** you must do the appropriate specific unit and in addition also **one unit** from the Plant Operator Route (5 units in total).

To complete **Slinger Signaller/Load Securer Route** you must complete the **2 specific units** (5 units in total).

There are also a further **6 Additional Units** available for all routes although these are not required in order to achieve a full NVQ/SVQ.

However, for those not wishing, or able to achieve the full award, **UNIT CREDIT CERTIFICATES** are available for each unit successfully completed.

MANDATORY CORE UNITS (all option routes)

PL1	Conform to General Workplace Safety
PL2	Conform to Efficient Work Practices
PL4	Prepare Plant or Machinery for Operational Performance

PLUS ONE OF THE FOLLOWING OPTIONAL ROUTES

Plant Operator Route (one unit from the following required)

PL5	Operate Plant or Machinery to Lift and Transfer Loads
PL6	Operate Plant or Machinery to Extract
PL7	Operate Plant or Machinery to Excavate
PL8	Operate Plant or Machinery to Construct and Form
PL9	Operate Plant or Machinery to Receive and Transport Loads
PL10	Operate Plant or Machinery for Accessing
PL11	Operate Plant or Machinery to Lay and Distribute
PL12	Operate Plant or Machinery to Compact

Slinger Signaller/Loader Securer Route (both units required)

PL14	Direct and Guide the Movement of Plant or Machinery
PL15	Arrange and Secure Loads



Road Rail Route (One unit from the Plant Operator route plus the following unit required)

PL16 Operate Road Rail Plant

Attachments Route (One unit from the Plant Operator route plus the following unit required)

PL17 Operate Ancillary Equipment

ADDITIONAL UNITS (not compulsory)

PL3 Move and Handle Resources

PL18 Operate Specialised Powered Tools and Equipment

PL19 Set Out Secondary Dimensional Work Control

PL20 Slinging and Signalling the Movement of Loads

PL21 Plant Operations from a Barge

PL22 Erect and Dismantle Plant (Cranes and Rigs)

Units where Accreditation of Prior Achievement (APA) does not Apply

The following units, based on Construction Skills National Occupational Standards are used in more than one National / Scottish Vocational Qualification and/or N/SVQ route. These Units must be achieved in the context of the overall award. Accreditation of prior achievement does not apply. To show competence in a second award or route the unit must be repeated.

Unit	Location
Establish work area protection and safety	- Roadbuilding (Construction) - Highways Maintenance (Construction)
Operate and control operations of road plant or machinery	- Roadbuilding (Construction): 9 Routes
Set out secondary dimensional work control	- Roadbuilding (Construction) - Highways Maintenance (Construction) - Plant Operations (Extractives)
Direct and guide the movement of plant and machinery	- Roadbuilding (Construction) - Highways Maintenance (Construction) - Plant Operations (Extractives)
Arrange and secure loads	- Roadbuilding (Construction) - Highways Maintenance (Construction) - Plant Operations (Extractives)
Operate specialised powered tools and equipment	- Roadbuilding (Construction) - Highways Maintenance (Construction) - Plant Operations (Extractives)
Slinging and signalling the movement of loads	- Roadbuilding (Construction) - Highways Maintenance (Construction) - Plant Operations (Extractives)