



NRSA Operative Units

Course places are offered on open dates or if you have a sufficient number of attendees, we can arrange a date specifically for your group at a venue of your choice.

Courses fees include City & Guilds, SQR or CABWI certification and registration with SWQR. SWQR will issue your street works card and you will go on their database of those currently qualified as street works operatives or supervisors.

Operative courses offer combinations of the units listed below. See the course details for units at time of booking.

Unit LA - Location and Avoidance of Underground Services

Unit content:

- Understand how to interpret information and plans showing the location of underground services
- Interpret information and plans showing the location of underground services
- Understand how to identify utility services and highway services during excavation
- Identify utility services and highway services encountered during excavation
- Understand and Identify the hazards and risks associated with underground utility services and highway services
- Understand how to use, and use, pipe and cable location equipment
- Follow safe working practices by identifying and following the relevant H&S regulations, standards and any other legislation applicable to the activity

Assessment:

You will be assessed on both your practical skills and via a theory test.

The theory test consists of 20 multiple-choice questions and you will have 45 minutes to answer them.

You will pass this unit if you achieve a score of 80% or more (16/20).



Unit O1 - Signing, lighting and guarding

Unit Content:

- Produce a plan of an intended site showing the position of signs, guarding and traffic signals. The plan must include all relevant distances, sizes, and dimensions required
- Produce a list of equipment for the intended site
- Position, test, adjust, commission and decommission temporary traffic signals
- Conduct the activities safely wearing the appropriate safety wear

Assessment:

You will be assessed by the trainer on your practical skills and via a theory test.

The theory test consists of 20 multiple-choice questions and you will have 45 minutes to answer them.

You will pass this unit if you achieve a score of 80% or more (16/20).

Unit O2 - Excavation on the highway

Unit Content:

- Understand how to identify different types of footway and carriageway
- Understand how to excavate and carry out excavation of the highway
- Understand how to support and protect, and carry out support and protection of underground utility services during excavation of the highway
- Understand how to identify, select and store excavated materials for re-use as backfill
- Identify and segregate excavated materials into suitable materials for re-use and unsuitable materials for re-use
- Follow safe working practices by identifying and following the relevant H&S regulations, standards and any other legislation applicable to the activity

Assessment:

You will be assessed by the trainer on your practical skills and via a theory test.

The theory test consists of 20 multiple-choice questions and you will have 45 minutes to answer them.

You will pass this unit if you achieve a score of 80% or more (16/20).



Unit O3 - Reinstatement & compaction of backfill material

Unit Content:

- Understand how to select, and select appropriate materials for backfill
- Understand how to backfill an excavated area and carry out an excavation
- Understand how to dispose of surplus materials and carry out the disposal of surplus materials
- Understand how to identify, select and store excavated materials for re-use as backfill
- Identify and segregate excavated materials into suitable materials for re-use and unsuitable materials for re-use
- Follow safe working practices by identifying and following the relevant H&S regulations, standards and any other legislation applicable to the activity

Assessment:

You will be assessed by the trainer on your practical skills and via a theory test.

The theory test consists of 20 multiple-choice questions and you will have 45 minutes to answer them.

You will pass this unit if you achieve a score of 80% or more (16/20).

Unit O4 - Reinstatement of sub base & road in non bituminous materials

Unit Content:

- Understand how to, and prepare, the backfill layer ready for the next layers
- Understand how to select and store, and select and store, materials for the sub-base and base
- Understand how to reinstate, and reinstate, the sub-base and base layers
- Understand how to dispose of surplus materials, and dispose of surplus materials
- Follow safe working practices by identifying and following the relevant H&S regulations, standards and any other legislation applicable to the activity

Assessment:

You will be assessed by the trainer on your practical skills and via a theory test.

The theory test consists of 20 multiple-choice questions and you will have 45 minutes to answer them.

You will pass this unit if you achieve a score of 80% or more (16/20).



Unit O5- Reinstatement of cold-lay bituminous materials

Unit Content:

- Understand how to, and prepare, the pavement structure layer ready for permanent cold-lay surfacing materials
- Understand how to construct, and construct, a cold-lay bituminous surfacing layer
- Understand how to dispose of surplus materials, and dispose of surplus materials
- Follow safe working practices by identifying and following the relevant H&S regulations, standards and any other legislation applicable to the activity

Assessment:

You will be assessed by the trainer on your practical skills and via a theory test.

The theory test consists of 20 multiple-choice questions and you will have 45 minutes to answer them.

You will pass this unit if you achieve a score of 80% or more (16/20).

Unit O6- Reinstatement of hot lay bituminous materials

Unit Content:

- Understand how to, and prepare, the pavement structure layer ready for permanent hot-lay surfacing materials
- Understand how to construct, and construct, the bituminous binder course
- Understand how to construct, and construct, the bituminous surface course
- Understand how to dispose of surplus materials, and dispose of surplus materials
- Follow safe working practices by identifying and following the relevant H&S regulations, standards and any other legislation applicable to the activity

Assessment:

You will be assessed by the trainer on your practical skills and via a theory test.

The theory test consists of 20 multiple-choice questions and you will have 45 minutes to answer them.

You will pass this unit if you achieve a score of 80% or more (16/20).



Unit 07- Reinstatement of concrete slabs

Unit Content:

- Understand how to, and prepare, sub-base to receive the concrete slab
- Understand how to prepare, and prepare, the existing slab to receive the concrete reinstatement
- Understand how to lay, and lay, mesh reinforcement
- Understand how to form, and form the concrete slab
- Understand how to dispose of surplus materials, and dispose of surplus materials
- Follow safe working practices by identifying and following the relevant H&S regulations, standards and any other legislation applicable to the activity

Assessment:

You will be assessed by the trainer on your practical skills and via a theory test.

The theory test consists of 20 multiple-choice questions and you will have 45 minutes to answer them.

You will pass this unit if you achieve a score of 80% or more (16/20)

Unit 08- Reinstatement of modular surfaces and concrete footways

Unit Content:

- Understand how to remove, and remove, existing modular and concrete surfacing
- Understand how to prepare, and prepare, the sub-base needed
- Understand how to lay, and lay, bedding materials
- Understand how to lay, and lay, the modular and concrete surfacing
- Understand how to dispose of surplus materials, and dispose of surplus materials
- Follow safe working practices by identifying and following the relevant H&S regulations, standards and any other legislation applicable to the activity

Assessment:

You will be assessed by the trainer on your practical skills and via a theory test.

The theory test consists of 20 multiple-choice questions and you will have 45 minutes to answer them.

You will pass this unit if you achieve a score of 80% or more (16/20)