



# NRSA Supervisor 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.

Course 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 supervisors or operatives.

Supervisor 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 multiple-choice questions and you will have minutes to answer them.

You will pass this unit if you achieve a score of or more .





# NRSA Supervisor Units

## Unit S1- Monitoring signing, lighting and guarding

### Unit Content

- How to monitor a work survey by ensuring that the planned provision of footways, traffic lanes and safety zones from a site survey and risk assessment meet the requirements of the site, traffic, members of the public and personnel and the highway authority code of practice
- Carrying out site specific risk assessments in accordance with current health and safety regulations and codes of practice
- How to monitor the protection of pedestrians, traffic and site personnel by ensuring that E is selected appropriately, assessing the provision of footways, traffic lanes and safety zones
- Confirming the provision for controlling the movement of pedestrians, vehicles and plant minimises delay and inconvenience and has adequate safety provisions
- Ensure that pre-use inspection checks of equipment have been carried out
- How to monitor the positioning and removal of equipment following a specified sequence
- Checking for any problems that may arise and confirm the appropriate action required
- Monitoring the provision of portable traffic signals and stop go traffic control
- Monitoring the safety on site by ensuring a site specific risk assessment has been carried out, health and safety best practices are being followed and site conditions are in accordance with health and safety practices, taking the appropriate action if risks occur

### Assessment

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

ou will pass this unit if you achieve a score of or more .





## Unit S2 - Monitoring excavation in the highway

### Unit Content:

- Monitoring excavation work in the highway by ensuring the footway or carriageway has been identified correctly before excavating, the materials excavated within all construction layers comply to current specifications
- Ensure that the techniques used to excavate minimise the risk of reinstatements failure and the size of the excavation is sufficient for the work activity and the future reinstatement
- Check for any problems with the excavation work and confirm any appropriate action that is needed
- Describe the equipment needed for excavating and how they are selected
- Methods used to identify areas of high risk and the appropriate precautions to take when excavating areas of high risk
- Understand the potential issues that poor excavation work can cause and the actions needed to rectify it
- Monitor actions taken to avoid damage to underground utilities by ensuring that it is marked correctly on site and ensure exposed utilities are safely supported and identified
- Monitor the selection, disposal and storage of excavated materials
- Monitoring the safety on site by ensuring a site specific risk assessment has been carried out, health and safety best practices are being followed and site conditions are in accordance with health and safety practices, taking the appropriate action if risks occur

### Assessment

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

The theory test consists of multiple-choice questions and you will have 30 minutes to answer them.

You will pass this unit if you achieve a score of 15 or more .





## Unit S3 - Monitoring reinstatement and compaction of backfill materials

### Unit Content:

- Monitor the selection and storage of backfill materials by ensuring the materials selected for re-use and imported materials are checked against current specifications as well as being appropriate materials to surround utilities
- Describe the materials that are suitable for use in high risk areas and describe the consequences of using unsuitable materials
- Monitor the selection of plant for compaction of backfill material and understand how plant is selected and how to check that the equipment is fit for purpose
- Monitor the construction of the backfill layer by ensuring the correct use of equipment and materials, the compaction level has been met, the layer thickness is correct and high risk areas have been constructed correctly
- Monitor the safety on site by ensuring a site specific risk assessment has been carried out, health and safety best practices are being followed and site conditions are in accordance with health and safety practices, taking the appropriate action if risks occur

### Assessment

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

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

You will pass this unit if you achieve a score of or more .

## Unit S4 - Monitoring reinstatement of sub-base and base in non-bituminous materials

### Unit Content:

- Monitor the selection and storage of sub-base and base non-bituminous materials and ensure the materials selected for re-use or disposal are checked against current specifications
- Monitor the selection of plant for compaction of sub-base and base material and understand how plant is selected and how to check that the equipment is fit for purpose
- Monitor the construction of sub-base and base by ensuring the correct use of equipment and materials, the compaction level has been met, the layer thickness is correct and high risk areas have been constructed correctly
- Monitor the safety on site by ensuring a site specific risk assessment has been carried out, health and safety best practices are being followed and site conditions are in accordance with health and safety practices, taking the appropriate action if risks occur

### Assessment

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

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

You will pass this unit if you achieve a score of or more .





## Unit S5 - Monitoring reinstatement in bituminous materials

### Unit Content:

- Monitor the selection of bituminous materials and ensure the materials selected meet the reinstatement requirements and are stored safely and suitably
- Monitor the selection of plant for compaction of bituminous materials, understand how plant is selected and how to check that the equipment is fit for purpose
- Monitor the construction of flexible base and surface layers in hot and cold-lay bituminous materials by ensuring the correct use of equipment and materials, the layer thickness and degree of compaction are correct and the profile of the finished surface is within permitted tolerances
- Monitor the safety on site by ensuring a site specific risk assessment has been carried out, health and safety best practices are being followed and site conditions are in accordance with health and safety practices, taking the appropriate action if risks occur

### Assessment

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

The theory test consists of multiple-choice questions and you will have 15 minutes to answer them.

You will pass this unit if you achieve a score of 10 or more.

## Unit S6 - Monitoring reinstatement of concrete slabs

### Unit Content:

- Monitor the preparation for concrete slab reinstatement by ensuring the materials selected are checked against the current specification, equipment selected is suitable, and sub-base defects are identified, slab edges are supported by steel dowel bars, slip membrane is positioned according to specification
- Understand how to rectify sub-base defects and how to check for any problems with the preparation and confirm the appropriate remedial action
- Monitor the construction of the concrete slab by checking the replacement of missing or damaged joints, use of concrete, degree of compaction and air entrainment
- Understand the checks and tests to confirm the quality of the concrete slab and finished surface
- Monitor the safety on site by ensuring a site specific risk assessment has been carried out, health and safety best practices are being followed and site conditions are in accordance with health and safety practices, taking the appropriate action if risks occur

### Assessment

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

The theory test consists of multiple-choice questions and you will have 15 minutes to answer them.

You will pass this unit if you achieve a score of 10 or more.





## Unit S7 - Monitoring reinstatement of modular surfaces and concrete footways

### Unit Content:

- Monitor the selection of materials by ensuring the materials selected meet the current specification
- Ensure that equipment is suitable for site conditions and materials, suitable for the task they have been selected for, are in good working condition and safe to use
- Ensure any sub-base defects are identified and made good using specified materials
- Define the procedures, quality checks and tests relating to the laying of bedding materials, laying concrete blocks and jointing
- Monitor the reinstatement of paving slabs in footways
- Define the factors that affect the quality of the finished modular surface and define the checks required to ensure the quality of the finished modular surface
- Identify the types of footway on which concrete reinstatement is carried out, understand the procedures and quality checks for laying concrete, compacting concrete, curing concrete and assessing the quality of the finished surface
- Monitor the safety on site by ensuring a site specific risk assessment has been carried out, health and safety best practices are being followed and site conditions are in accordance with health and safety practices, taking the appropriate action if risks occur

### Assessment

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

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

You will pass this unit if you achieve a score of or more .