

Before you dig...



**Trenchless Technology Training Solutions**  
**Training & Assessment Services**



# training courses

## City & Guilds Certification

Operatives who are successful in both the practical assessments and knowledge tests will receive a City & Guilds certificate. Persons undertaking the management or supervision units are only required to undertake essential knowledge assessments. These qualifications form part of the City & Guilds 5831 Utilities Operations Scheme.

This certification could be used as evidence toward a full NVQ as the candidate/s develops their careers.

- Location of Underground Apparatus
- Entry to Confined Spaces
- CCTV Operations - Private Drainage

- Flow Stopping Techniques
- Streetworks
- Sewer Jetting
- Customer Service
- Utilities Installations
- Flushing, Swabbing and Air Scouring of Water Mains

## Training & Assessment

UKSTT provides training and assessment at a choice of venues:

- Providers training centre's
- Customers' premises
- Mobile training centre
- On site, subject to the availability of suitable resources

## Training & Assessment Events are available in:

- Cured in place Pipe Lining (Hot Water Cure)
- Cured in place Pipe Lining (UV Cure)
- Cured in place Pipe Lining (Steam Cure)
- Cured in place Pipe Lining (Ambient Cure)
- Re-lining of Potable Water Mains Insertion Techniques (Live and Dead)
- Management of Horizontal Directional Drilling Operations
- Management of Pipe Bursting Operations
- Management of Impact Molding Operations



UKSTT promote the competent, safe operation and management of Trenchless Technology methods, UKSTT along with a number of training providers have combined their respective expertise to develop a training and assessment scheme for operators, technical personnel and managers.

The scheme consists of discrete units of competence which recognize practical skills, related knowledge and safety awareness. Assessment of competence is carried out by direct observation in workplace conditions and/or through oral or written questions. All the assessment arrangements used are approved by City & Guilds.

## Use of Impact Moling Equipment

IM001

Operational skills used in the laying of utility apparatus using impact moling equipment.

A review of relevant technical and safety information is followed by practical demonstrations and exercises in:

- Interpretation of site plans
- Location of underground utility apparatus
- Safe use of air supplies
- The principles of operation
- Daily inspection and maintenance of impact moling equipment
- Function testing, forward and reverse controls
- Use of lubricants approved for winter and summer
- Safe use of cradles
- Optical sighting methods
- Relevant Health, Safety & Welfare of site personnel and others

## Use of Horizontal Directional Drilling Equipment

HD001

Operational skills used in the laying of utility apparatus using horizontal directional drilling equipment.

A review of relevant technical and safety information is followed by practical demonstrations and exercises in:

- Interpretation of site plans
- Location of underground utility apparatus
- Fluid selection and management
- Preparation and design of drill path profile
- Setup and check equipment in preparation for drilling
- Drill pilot bore in accordance with the design profile
- Install the product
- Decommission the drilling equipment and restore the site
- Relevant Health, Safety & Welfare of site personnel and others

## Pipe Bursting - Hydraulic Machine System

PB002

Operational skills used in hydraulic machine systems for the replacement of pressure pipelines.

A review of relevant technical and safety information is followed by practical demonstrations and exercises in:

- Interpretation of site plans
- Location of underground utility apparatus
- Site preparation prior to pipe bursting operations
- Preparation of pipe bursting equipment
- Operating hydraulic machine pipe bursting equipment
- Installation of the product pipe
- Routine site and equipment maintenance
- Decommissioning the pipe bursting equipment and restoring the site
- Relevant Health, Safety & Welfare of site personnel and others

## Cured in place Pipe Linings (Ambient Cure)

CIPP01

The operational skills needed to carry out CIPP lining using ambient cure.

A review of relevant technical and safety information is followed by practical demonstrations and exercises in:

- Mixing and use of resins
- Preparation of test samples
- Insertion of the lining and the identification of defects
- Curing procedures
- Relevant Health, Safety & Welfare of site personnel and others

## Cured in place Pipe Linings (UV Cure)

CIPP02

The operational skills needed to carry out CIPP lining using UV cure.

A review of relevant technical and safety information is followed by practical demonstrations and exercises in:

- Mixing and use of resins
- Preparation of test samples
- Insertion of the lining and the identification of defects
- Curing procedures
- Relevant Health, Safety & Welfare of site personnel and others

## Cured in place Pipe Linings (Ambient Cure)

CIPP03

The operational skills needed to carry out CIPP lining using Hot Water cure.

A review of relevant technical and safety information is followed by practical demonstrations and exercises in:

- Mixing and use of resins
- Preparation of test samples
- Insertion of the lining and the identification of defects
- Curing procedures
- Relevant Health, Safety & Welfare of site personnel and others

