

3-month free access

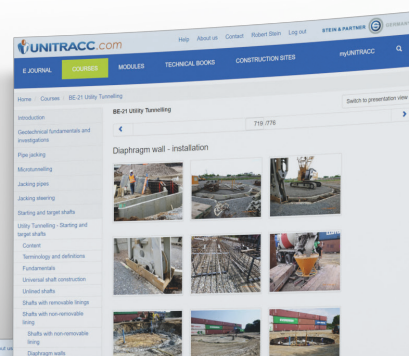
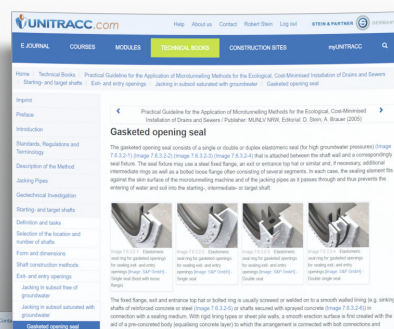
Starting in February 2023

The largest e-learning platform for pipeline installation and rehabilitation

Modules: Structured learning and working with didactically structured modules

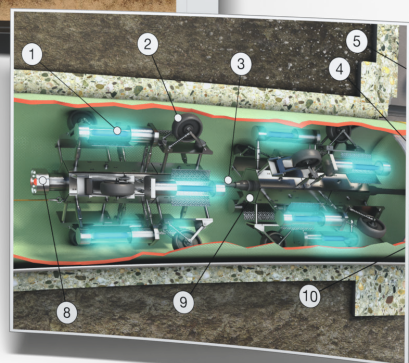
Reference books: multimedia-based expert knowledge based on standard works of specialist literature

Courses summarise lessons according to topics and enable certification



Videos: Learning support through speaker and site videos

Animations: show what videos do not show



Site documentations explain construction and remediation procedures in detail

Virtual construction sites: Interactive representation of complex processes of construction and rehabilitation procedures

Approx. 30,000 images and graphics support the transfer of knowledge

Winner of the european e-learning award



Earn a free

Get a free course certificate





COURSE: TRENCH PROTECTION AND PIPE INSTALLATION

FREE

with certificate of participation of the



Try a course and get a BAMI-I certificate

Course: Trench Protection and Pipe Installation (Free of charge)

The most common method utilized worldwide for pipeline installation is the open cut method. This is especially true for gravity pipelines. While, at first glance, the open cut method seems to be a „simple“ construction method, it becomes highly complex when used in urban areas and at large depths.

This course is structured in two parts:

- The first part is focused on important technical knowledge on securing the trench and making it a safe work zone. It presents many options available in this regard.
- The second part is focused on the correct pipeline installation techniques including backfilling of the trench and the removal of the shoring.

Course Contents

PART I: Trench Protection

- Pipeline Trench Construction
- Trench -without Support System
- Trench -with Support System
- Trench Shoring Systems
- Trench Shoring Installation
- Trench Shoring Installation Methods
- Trench Drainage

PART II: Pipe Installation

- Pipe Installation and Alignment
- Lifting Systems
- Jointing
- Trench Backfilling and Compaction
- Pipeline Embedment and Installation
- Removal of Shoring
- Hydraulically Bound Backfill (Flowable Fill)
- Optimised Installation Methods
- Compaction Test

The net learning time is approx. 3 days. After completing the course, a certificate of participation from the BAMI-I and Prof. Dr.-Ing. Stein & Partner can be requested

This course is available free of charge.

Questions?

Contact us!

info@unitracc.com