

Concrete Repair Dry Pack Techniques Course

Venue Information

Venue: London UK

Place:

Start Date: 2025-12-15

End Date: 2025-12-19

Course Details

Net Fee: £4750.00

Duration: 1 Week

Category ID: CACETC

Course Code: CACETC-65

Syllabus

Course Syllabus

Introduction :

Welcome to the Comprehensive Training in Concrete Repair Dry Pack Techniques! This course is designed for professionals and enthusiasts in the construction and maintenance industries who seek to enhance their skills and knowledge in concrete repair using dry pack methods.

Concrete structures, despite their durability, are susceptible to defects and damage over time. Effective repair techniques are essential to maintain structural integrity and extend the lifespan of these structures. The dry pack method is a widely recognized technique for repairing concrete due to its effectiveness in filling voids and cracks.

This hands-on course will guide you through the entire process, from identifying defects and selecting appropriate materials to mastering the application techniques and implementing quality control measures. Our expert instructors will provide you with the knowledge and practical skills necessary to

the field, this course will equip you with valuable insights and practical experience to advance your career in concrete repair.

Course Objectives:

- Understand dry pack repair technique. Identify concrete defects for repair.
- Select and prepare materials.
- Master application techniques.
- Implement quality control and safety.

Course Outline:

Day 1: Introduction to Concrete Repair and Dry Pack Techniques

- Introduction to concrete repair
- Overview of repair techniques
- Introduction to dry pack repair
- Properties and uses of dry pack
- Identifying defects suitable for dry pack repair

Day 2: Materials and Tools for Dry Pack Repairs

- Selection criteria for repair materials
- Types of materials used in dry pack
- Tools and equipment for dry pack repair
- Preparation of materials
- Mixing and proportioning of dry pack mortar
- Hands-on session: Mixing dry pack mortar

Day 3: Surface Preparation and Application Techniques

- Surface preparation techniques
- Cleaning and pre-wetting
- Hands-on session: Surface preparation
- Application techniques for dry pack repair
- Compaction and finishing methods
- Hands-on session: Application of dry pack

Day 4: General Procedures for Dry Pack and Concrete Repair

- General procedures for dry pack repair
- General procedures for concrete repair
- Quality control measures
- Inspection and testing of repairs
- Common issues and troubleshooting
- Hands-on session: Quality control procedures
- Case studies and problem-solving
- Review and discussion

- Legal and regulatory compliance

- Final hands-on session: Complete repair project
- Course review and Q&A
- Assessment and certification