



Certification of Concrete Technicians

“An ACI-ICT Concrete Compressive Strength Testing Technician, certified to EN Standards, is an individual who has demonstrated the knowledge and ability to properly perform, record, and report the results of three basic laboratory procedures related to the determination of concrete compressive strength.”

11 November 2024

The Institute of Concrete Technology is holding a one-day certification programme to assess and validate the skill of technicians in testing the compressive strength of hardened concrete. Successful candidates are awarded a jointly ACI-ICT badged certificate and five-year card of competence.

£295 + VAT

For the one-day programme, including a copy of the workbook supplied in advance, the revision session, written examination and practical assessment.

A £50 non-returnable deposit secures your place and a copy of the workbook. If the event is cancelled, a £50 discount will apply to the replacement registration. Full payment is due within 14 days of the event. No refunds will be given for cancellations within 14 days of the event.

Scope of study

The coverage of the learning objectives is highly focussed. It relates to competence in the practical performance of three key tests required by the Standards.

The programme requires a working knowledge of the following European standards:

- EN 12390 Part 1**, Shape, Dimensions and Other Requirements for Specimens and Moulds
- EN 12390 Part 3**, Compressive Strength Testing of Specimens (Cubes)
- EN 12390 Part 7**, Density of Hardened Concrete (Water Displacement Method)



Workbook

The requirements of the tests and the assessment process are set out in a dedicated workbook, available to candidates in advance from the ICT.

Assessment

- *60-minute multiple-choice examination to ensure thorough knowledge*
- *Expert assessment of the technician's practical performance of all three tests*

Certification takes place over a single day, with revision of the Standards, some practice trials, and then written and practical exams.

The review sessions allow for PowerPoint presentations and the study of workbook content, with questions and discussion and hands-on practice using the required test equipment. However, they are intended as a refresher rather than training, and candidates should arrive at the session already trained in the test procedures to be assessed.

NB. The fee for the session does **not** include lunch.

Contact

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