

Concrete Field-Testing Technician Certification (EN STANDARDS)

A professional certification scheme accredited by the Institute of Concrete Technology & American Concrete Institute



This scheme certifies individuals who demonstrate knowledge of, and ability to perform, seven essential field tests performed on freshly mixed concrete. Certification meets the recommendation of BS8500-1:2023 (Annex B, B1), which states that 'all personnel involved in the testing of fresh concrete for identity testing and/or the manufacture of concrete specimens for compressive strength identity criteria are expected to be competent and qualified to an appropriate level'.

For more information visit: theict.org.uk/certification



DATES: 12-13th September 2024

LOCATION: CITB-NI, 17 Dundrod Road, Belfast, BT29 4SR

SCOPE: Certification requires in-depth knowledge and practical competence relating to the following EN standards:

- EN 12390-2, Testing Hardened Concrete Part 2: Making and Curing Specimens for Strength Tests
- EN 12350, Testing Fresh Concrete Parts: 1 (Sampling), 2 (Slump Test), 5 (Flow Table Test), 6 (Density), 7 (Air Content – Pressure Methods), 8 (Self-Consolidating Concrete / Slump-Flow Test)

ASSESSMENT: Certification is dependent on the successful completion of the following assessments:

- 90-minute closed-book multiple-choice exam to ensure thorough knowledge (10 questions per test method)
- Practical and knowledge-based performance assessment to ensure ability to undertake all seven tests

PRE-SESSION PREPARATION: On registration, and in advance of the certification session, each candidate will receive a dedicated workbook setting out the learning requirements and assessment process. Instructional videos are also available at: theict.org.uk/CFTT-training-video.asp. These resources should be used in conjunction with the EN Standards when preparing.

PROGRAMME:

DAY 1 09:00 start	AM - Review session	Please note that while the review session provides an opportunity to review the workbook, candidates are expected to have prior working knowledge of the workbook, standards and related testing procedures.
	PM - Written exam	
DAY 2 09:00 start	Practical exam session	All candidates will be examined on each test method in turn. Candidates are required to bring all necessary PPE (safety shoes, glasses, gloves).

CERTIFICATION & ICT MEMBERSHIP: Successful candidates will be awarded an ACI/ICT certificate and card of competence, as well as being listed on the ACI's online Certified Personnel Directory. Certification is valid for five-years from date of examination. Successful candidates are also eligible to join ICT at Technician level (TechICT), offering a definitive career progression step.

TO BOOK A PLACE: Contact the ICT Executive Officer: **01276 607 145** | executiveofficer@theict.org.uk

Places per session are limited, so book early to avoid disappointment. A £50 non-returnable deposit is required to secure a place and workbook. If cancelled, a £50 discount will apply to a replacement registration. The full registration fee is due 7 days in advance. There will be no refunds for registrants cancelling within 7 days of the session.

FEES: Two-day session: £395 + VAT (including study workbook, access to training videos and all exams)
One-day resit session: £145 + VAT

'This qualification has improved my knowledge of concrete technology and ability to undertake tests and record results in line with the standards. I highly recommend the scheme for all contracting companies.' **Site Engineer, Farrans**

'Having this qualification allows me to oversee and supervise on site testing operations more confidently. It was challenging but a rewarding experience that I highly recommend to all construction professionals.' **Design Engineer, Arup**

This course is registered with the Construction Industry Training Board Northern Ireland (CITB NI), offering grant assistance to registered, in-scope employers who meet the current terms & conditions.

