

CT005

WEIGHTS & BALANCE CALIBRATION

DATES:

28th April 2011 /
8th September 2011

DURATION:

1 day

VENUE:

NML or in-company
by arrangement

FEE:

€480 (including
documentation,
lunch and
refreshments)

This training course is intended for those professionals who are responsible for the calibration of weighing machines and the maintenance of associated mass standards. The emphasis of this one day training course is on the practical aspects of mass measurement.

The course is designed to provide participants with an understanding of weighing machines and mass standards and covers topics such as mass classification, mass standards, calibration procedures and environmental influences.

COURSE CONTENT

- Review of general calibration principles
- Mass units, traceability, and standards
- Mass classification - construction, material, tolerances
- Mass standards - usage, storage and handling
- Selection of mass standards for in-house balance calibration
- Calibration of weighing machines and balances
- Minimum weight requirements
- Brief introduction to uncertainty of measurement
- Error avoidance tactics for mass measurements

Tuition will consist of classroom work, exercises and practical demonstrations.