



QEEE COURSES

TEST ON CONCRETE - CONCRETE TECHNOLOGY

COURSE CONTENT:

1. Tests on fresh concrete
 - Workability tests for normal and self-compacting concrete
 - Determination of setting and hardening of concrete
 - Electrical and ultrasonic monitoring of early age concrete
 - Plastic shrinkage testing
 - Maturity method
2. Tests for mechanical properties
 - Compressive and tensile strength
 - Modulus of elasticity
 - Creep and drying shrinkage
 - Fracture properties
3. Durability test methods
 - Chloride penetration tests
 - Water penetration tests
 - Gas penetration tests
 - Tests for chemical attack
 - Tests for corrosion