

TRAINING SYLLABUS

It is recommended that mandatory modules MOD 1 and MOD 2 be completed before delivery of this module. As stated in the Guidance Notes, instructors/trainers/assessors are encouraged to integrate subjects from each module in the development of programmes for candidates with little or no experience.

| | Subject | References |
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| MOD 1 | Introduction to the Industry: <ol style="list-style-type: none"> 1. Construction industry structure. 2. The role of the plant operator. 3. Finding and using information relevant to a specific task. 4. Construction registration schemes. 5. Qualifications and continuous professional development. 6. Trained Operator Achievement Test. | Manufacturer's instructions, machine handbooks, test and thorough examination certificates. Awarding Body and scheme handouts. Qualification literature. |
| MOD 2 | Site Safety Awareness: <ol style="list-style-type: none"> 1. Principles and aims of health and safety at work. 2. Employee's duties and responsibilities under law. 3. Safety signs. 4. Dealing with hazards. 5. Accident prevention and control. 6. Selection and use of personal protective equipment. 7. Handling plant-related harmful substances. 8. Trained Operator Achievement Test. | Current legislation, Approved Codes of Practice and Government body guidance. |
| ICT 59 | Excavator 360° above 10 Tonne: <ol style="list-style-type: none"> 1. Basic construction, names of components and the purpose and use of all controls and gauges. 2. Use of the operator's handbook, other information sources, Approved Codes of Practice and legislative documents. 3. Pre-use, start, running checks and close-down procedure. 4. Preparing the excavator for site travel. 5. Travelling the excavator over different terrain, including rough, undulating ground and up and down substantial inclines. 6. Manoeuvring, progressing to confined spaces in a forward and reverse direction. 7. Positioning and setting the machine to excavate. 8. Precautions and actions for underground and overhead services and other hazards. 9. Soil and material characteristics. 10. Excavating below ground level. 11. Loading vehicles and hoppers. 12. Backfilling, grading, spreading and levelling different types of terrain. 13. How to remove and re-attach different buckets. 14. How to place the excavator into an out-of-service condition. 15. How to load and unload the excavator on and off a transporter. 16. Trained Operator Achievement Test. | Manufacturer's instructions, machine handbooks, test and thorough examination certificates. Current legislation, Approved Codes of Practice and Government body guidance. |