



MHE TRAINING

MECHANICAL HANDLING EQUIPMENT TRAINING

Tel: +44 (0) 116 251 9411 www.mhetraining.co.uk



360° Mini Excavator

EQUIPMENT:	360° Mini Excavator
ACCREDITING BODY:	ITSSAR
QUALIFICATION:	
LEVEL:	Novice - first-time operator who has no previous experience of Construction Equipment
COURSE DURATION:	5-10 Days
LOCATION:	Leicester Training Centre - The course can also be adapted to suit your operational requirements if provided on company premises.
MAX. NO. PER COURSE	3
COST:	£500 + VAT per trainee

COURSE AIM: The aim of the course is provide the theoretical and practical knowledge to safely operate an excavator for general purpose applications. This course meets the statutory requirements of the Health & Safety at Work Act 1974, and other relevant statutory provisions.

COURSE CONTENT: The course will comprise of theoretical and practical instruction covering the following:-

- Responsibilities under the Health & Safety at Work Act (1974) and PUWER (1998); LOLER (1998) and (HSG 136) Workplace Transport Safety
- Safe operator practices (Company Mobile Plant Rules if on customer premises), including evasive action/roll-over measures
- Daily and weekly maintenance schedules
- Identification of components
- Daily inspections and fault recording
- Start-up procedures
- Factors affecting stability
- Motive and hydraulic controls/introduction to all controls and gauges
- Manoeuvring in open and confined spaces
- Travelling over different types of terrain including inclines
- Excavation principles
- Working on stock-piles/side-casting/forming edge protection/forming ramps and work platforms
- Loading hoppers
- Loading production machinery/transport vehicles
- Trenching principles/reinstatement/working with a banksman/weather conditions
- General levelling and grading
- Batter formation (where required)

All information correct at time of writing. Course structure may vary in certain circumstances.

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Identification and changing of attachments
Re-fuelling
Parking and post-stop checks
Travelling on the public highway
Loading and unloading from a transporter (where applicable)

Theory

The need to train and statutory requirements
Understanding machine stability and limitations
Causes of accidents; risks associated with mobile plant
Safe operator practices/understanding the operator's handbook
Pre-start checks, start-up procedures and safety checks
Daily and weekly maintenance requirements
Risk assessment/Permit to Work procedures/hazards associated with underground and overhead services
Excavation principles
Loading techniques
Backfilling, grading, spreading and levelling of materials
Identification of attachments particularly quick-hitch systems - safe removal and re-attachment
Effects of differing weather conditions
Lifting limitations
Safe parking, re-fuelling and post-stop checks
Safe loading and unloading procedures from a transporter (where applicable)
Requirements for travelling on the public highway

Practical

Pre-start safety checks and start-up procedures
The ability to manoeuvre and operate the vehicle correctly within the manufacturer's recommendations and to the operator's safety code
Travel safely about site including inclines
Manoeuvre accurately within confined spaces
Follow safe operational procedures for excavation and extraction
Work safely on stock-piles
Load production machinery and/or transport vehicles
Backfill, grade, spread and level materials
Correctly identify hitching systems and follow safe procedures for removal and re-attachment
Safely load and unload from a transporter (where applicable)
Correctly park, shut-down and secure the vehicle
Carry out a post-stop inspection



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COURSE REQUIREMENTS:

1. Notebook and pen
 2. Appropriate safety wear.
- All other materials are provided on the course

TESTING & CERTIFICATION

At the end of this course the standard ITSSAR practical and theoretical test where possible will be conducted for the equipment. This is the current recognised and recommended standards practical operators test. Operators are issued with an encapsulated wallet and full sized certificate. Companies are issued with an A4 sized certificate, the trainees' original practical and theoretical test marking sheet, course record and written trainee report where appropriate, as proof of training.