

# MEWP Demonstrator & Safety Awareness Training Programme



**Course Duration:** 1-3 days

**Course Entry Criteria:** Must be at least 18 years old and must have satisfactorily completed a recognised Operators Course. (Note: Operators course could run concurrent). If the course to be undertaken does not include a Safety Awareness module then evidence must be produced that such a course has been attended during the previous two years

**Method:** By use of classroom and practical sessions including role-play sessions covering all aspects

**Implementation:** Undertake the training and evaluate by testing at the end of the session

**Objectives:** At the end of the course the operator will be able to carry out the required tasks involved in the role of Demonstrator which is to familiarise operators with their responsibilities and demonstrate pre-operational and safe operating procedure and the limitations of MEWP's

**Theory:** The operator should know:

- ▶ The pre-use checks and daily maintenance to be carried out prior to commencing work
- ▶ The correct and safe method of operating the specific machine
- ▶ The correct emergency procedures, capacities and limitations to enable safe operation
- ▶ Selection and use of fall protection equipment covering as a minimum anchorage points in platforms, harness standards, explanation of fall arrest, lanyard types, harness inspection, use and correct fitting, rescue procedures, current recommendations [HS(G)150, HSE & IPAF]

## Operating Training

### 1 Safe Operation and Limitations of Use

*NOTE: Training may be undertaken on different machine types provided sufficient space is available.*

### 2 Introduction to Mobile Elevating Work Platforms

*Awareness of different types of MEWPs.*

### 3 Introduction to the Actual Machine

*Walk around and familiarisation with MEWP.*

### 4 Major components

*Identification of each component and its function.*

### 5 Pre-use Checks and Inspection

*Carry out all the required checks/inspections on the following items:- Tyres, main frame, turntable, fluid levels, hoses, electrical cables, booms, cage, brakes, steering, lights, travel, controls, (lower/upper), pins/retaining bolts and decals.*

### 6 Starting/Stopping the Machine

*Correct starting and shut down procedures.*

### 7 Pre-Use Function Checks

*Fully function the machine and carry out full emergency lowering procedure.*

### 8 Checks Prior to Road Travel (Truck Mounted, Self Propelled & Trailer Mounted)

*Self propelled, booms retracted, stabilisers retracted, machine secure, e.g. no loose objects. Trailer mounted, booms secured, retracted, stabilisers retracted, machine secure, e.g. no loose objects, correctly coupled to towing vehicle. Truck mounted, booms retracted and locked, stabilisers retracted, machine secure, PTO disengaged and no loose objects. Correct operation of the cage gate.*

### 9 Planning the Route

*Gradients, access, overhead obstructions and ground conditions.*

### 10 Travelling the Route and Manoeuvring the Machine

*Ensure route clear, use of assistant to signal, etc. practice close manoeuvring and observe correct driving practices (tail swing, etc).*

### 11 Setting the Machine for Work

*Practice setting up, cone off requirements, road requirements, stabiliser set-up and carry out stabiliser deployment checks.*

### 12 Basic Operational Practice

*Carry out operational functions to full height and maximum radius and all possible boom configurations, use with minimum of 75% SWL, observe all safety practices.*

### 13 Typical Work Applications

*Carry out practice applications observing all safety practices.*

### 14 Parking the Machine

*Ensure that the machine is correctly parked, engine stopped, brakes applied, keys removed and clearance of all obstacles. Correct refuelling procedures, diesel, LPG. Battery checks, charging and safety precautions.*

### 15 Achievement Testing

*Verbal and practical based on the use of the Training Centre Route/Activity Plan.*

### 16 Review and Course Close

## Demonstration Techniques

### 1 Introduction to Machine

*Walk around pointing out controls, level checks -engine, hydraulic, water batteries*

### 2 Carry out Basic Operational Demonstration

*Pointing out controls and all functions*

### 3 Daily Checks

*Levels, structure, lights, drive and brakes, steering controls.*

### 4 Defect Reporting

*Provide contacts and telephone numbers and ensure they know how to I.D. machine in fleet number, model etc. Get Handover Certificate procedure.*

### 5 Practical Role-Play of Handover Procedure

*Use Trainee and Instructor to practice and handover.*

### 6 Review and Complete Test