

N108/109 Mobile Elevated Work Platform (MEWP)



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N108/109 Mobile Elevated Work Platform (MEWP)

Introduction

The NPORS N108 / N109 MEWP Boom / Scissor courses provides the standard theoretical knowledge and practical training required to safely operate Mobile Elevating Work Platforms (Boom & Scissor types).

Learning outcomes

By the end of the course, delegates will be able to:

- Have a basic understanding of the industry, the dangers of working in the industry and their responsibilities as a plant operator
- Have a working knowledge of the manufacturer's handbook for the particular machine to be used, and be familiar with other types of information sources and relevant legislation
- Be able to locate and identify the major components of the machine and explain their functions
- Be able to locate and identify steering, driving and braking controls and explain their functions
- Conduct all pre-operational checks in accordance with manufacturer's and legislative requirements
- Check all emergency lowering functions
- Safely mount and dismount the machine
- Configure the machine for travel
- Configure the machine for travel and manoeuvre it safely on level / rough ground and inclines in open and confined areas
- Conduct all necessary safety checks at the work area, including overhead and underground hazards
- Manoeuvre the machine to the work area and correctly configure in readiness to carry out accessing tasks
- Carry out accessing tasks, at various points up to full operating height
- Travel with platform raised (where applicable)
- Demonstrate knowledge and understanding of loading and unloading procedures for machine transportation
- Carry out all end of shift and shut down procedures

Course content

The theory portion covers critical legislative rules, technical site safety and operational know how.

Theory

The theoretical module covers the statutory regulations, documentation, and safety procedures critical for supervising lifting operations:

- **Legislative Framework:** Understanding the Health & Safety at Work Act 1974, PUWER, LOLER, GS6, and Work at Height Regulations.
- **Site Hazard Awareness:** Identifying overhead obstructions, power lines, underground/buried services, and evaluating ground types.
- **Machine Data Limits:** Determining the specific machine's Maximum Working Height, Maximum Operating Radius, Safe Working Load (SWL), and Maximum Wind Speed using the Beaufort Scale.
- **Safety Equipment & Medical Risks:** Proper use of PPE, fall-arrest harnesses, and anchoring systems, alongside knowledge of suspension trauma and reflow syndrome.
- **Operational Safety:** How to safely drive, operate and maneuver the MEWP in different terrains. How to perform accessing tasks safely.
- **Emergency & Transport Protocol:** Learning emergency plan procedures, emergency lowering functions, and secure loading/unloading logistics for machine transportation.

Practical

The practical test evaluates an operator's ability to travel, maneuver, and position a platform for various tasks.

- **Pre-Use Inspection:** Conducting system checks on fluid levels, wheels/tyres, hydraulic controls, emergency lowering systems, structural components, and safety/secondary guarding devices, etc as per equipment pre-use checklist.
- **Maneuvering & Driving:** Mounting the platform safely facing the machine, driving forward and in reverse, and steering accurately through a tight clearance.
- **Target Access Tasks:** Maneuvering to different positions above ground level for accessing tasks.
- **Elevated Travel:** Rotating the boom 90° and reversing while elevated back to the starting line.
- **End of Shift Parking:** Re-centering steering wheels, lowering the platform fully to its stowed position, releasing hydraulic pressure, applying park brakes, removing the key, and placing the unit on charge or re-fuelling.

Training Methodology

This course uses a blend of theoretical and practical learning methods to ensure knowledge retention and hands-on skill development. Training delivery includes:

- Interactive classroom presentations and discussions
- Real-life case studies and examples
- Demonstrations of equipment and safe operational techniques
- Supervised practical exercises on how to operate a MEWP safely
- Group activities to enhance communication and coordination
- Instructor feedback and coaching throughout the course

Assessment

- Practical assessment of MEWP operational tasks. Observation and performance evaluation by certified NPORS instructor as per the NPORS practical test sheet
- Written examination (Combination of subjective and objective questions) to test theoretical knowledge

Certification

Candidates who successfully complete the course and pass the assessment will receive:

- NPORS Operator Card valid for 3 years, subject to refresher training and reassessment

Entry Requirements

Participants must meet the following criteria to enroll in the course:

- Be at least 18 years of age
- Be medically fit to perform MEWP operation duties
- Have a basic understanding of English (for verbal and written communication)
- Ideally, have some prior experience in MEWP operations (recommended but not mandatory)

About Al Mashreq Training

Al Mashreq training Vision is to be the first choice for training in the Gulf. To support this vision, we carefully select highly specialized trainers and competent staff so that the training is delivered to exceed the learners expectation. We have internationally accredited courses that bring value added to clients and learners. Al Mashreq Training will continuously monitor the performance of trainers and learners and will provide the necessary support to enable learners to achieve their qualifications. We will provide all relevant information to learners and clients and answer their queries in a timely manner.

I welcome you once again to Al Mashreq Training and wish you an enjoyable journey throughout your program and success in your training.

Accreditation



Partners



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