

MEWP SAFE OPERATION



ACCREDITATION

Upon successful achievement trainees will be issued with a Smart Awards certificate valid for 3 years.

TYPE, LEVEL AND GRADING

Accredited training and assessment
Level 2
Pass

DURATION AND RATIO

1-day experience/refreshers. Trainer 1:4

PRE-REQUISITE

This qualification is available to anyone over the age of 16 who is capable of reaching the required standard. There are no barriers that restrict access or progression thereby promoting equal opportunity. It is expected however that learners will have a level of literacy adequate to cope with the assessment.

ENTRY REQUIREMENTS

There are no formal entry requirements and Smart Awards will not restrict access on the grounds of prior academic attainment, age, employment, geographic location or any other grounds. There are no barriers that restrict access or progression thereby promoting equal have a level of literacy adequate to cope with the examination.

SECTOR SUBJECT AREA (SSA)

5.2 Building and Construction

AGE RANGE

16yrs plus

SAFE PRACTICE

It is the responsibility of the centre in consultation with the assessor to ensure that risk assessments have been carried out. During this training you must take account of the relevant worksite operational requirements, procedures and safe working practices.

INTRODUCTION

This standard aims to give learners knowledge, understanding and basic skills in using MEWPS whilst carrying out work. It introduces learners to manoeuvring the machine in open and confined areas, daily pre-use checks, refuelling, hazards and risks involved with operating and working with MEWPs and to comply with health and safety legislation. The target audience is aimed at those working on the telecoms network including suppliers and contractors.

Performance Objectives

- Use suitable personal protective equipment throughout all MEWP operations
- Prepare the MEWP for work, undertaking all pre use checks and adjustments in accordance with standard procedures
- Carry out all work activities in accordance with relevant health and safety legislation
- Communicate with team members and other associated occupations about the MEWP operation and the work to be carried out
- Identify and explain the operation of the MEWP instruments and controls
- Position MEWP and any attachments used in an authorised position
- Check that any ancillary attachments are in working order
- Demonstrate safe travelling and manoeuvring activities
- Be able to operate the MEWP and undertake specified working tasks
- Identify weights and centres of gravity of loads accurately
- Deal with any hazards and obstacles encountered during the operation in accordance with standard practice
- Be able to select, transfer and position loads using a MEWP
- Comply with the relevant, current legislation, official guidance and organisational procedures to maintain safe work practices
- Shutdown and secure the machine, using correct procedures
- Undertake post operational checks for a MEWP

Learning Outcomes

- Know the health hazards associated with MEWP operations
- Know the operators' responsibilities under health and safety legislation
- Be able to carry out MEWP pre and post operational checks
- Be able to operate, move or manoeuvre the MEWP safely
- Be able to prepare a MEWP for transport

Course Structure

Learners must achieve one mandatory unit to pass.

Purpose

Prepare for further learning or training and/or develop knowledge and/or skills in a subject area.

EXPECTATIONS AT LEVEL 2

Summary

Achievement at level 2 reflects ability to select and use relevant knowledge, ideas, skills and procedures to complete well-defined tasks and address straightforward problems. It includes taking responsibility for completing tasks and procedures and exercising autonomy and judgement subject to overall direction or guidance.

Knowledge and Understanding

- Use understanding of facts, procedures and ideas to complete well-defined tasks and address straightforward problems.
- Interpret relevant information and ideas.
- Be aware of the types of information that are relevant to the area of study or work.
- Demonstrate and/or work with knowledge and understanding of basic processes, materials and terminology.

Application and Action

- Complete well-defined, generally routine tasks and address straightforward problems.
- Select and use relevant skills and procedures
- Select appropriate tools and materials and use safely and effectively (for example without waste)
- Adjust tools where necessary following safe practices
- Plan and organise both familiar and new tasks
- Identify, gather and use relevant information to inform actions
- Identify how effective actions have been

Autonomy and Accountability

- Take responsibility for completing tasks and procedures
- Exercise autonomy and judgement subject to overall direction or guidance
- Show an awareness of others' roles, responsibilities and requirements in carrying out work

ASSESSMENT

Practical Assessment

Theory/Multiple choice questions.

Assessment Criteria

- Outline the legislation relating to MEWP operation
- Demonstrate starting and stopping the MEWP, the emergency descent, safe operating area
- Manoeuvre the machine accurately, forward and reverse, including braking
- Use hydraulic controls correctly and at varying heights
- Judge the position of the platform at varying heights
- Mount, dismount and selection of harness
- Carry out ground and site appraisals prior to operation
- Comply with information and/or instructions derived from risk assessments and method statements
- Describe how to identify weight, quantity, length and area associated with the method/procedures to operate a MEWP used for accessing operations
- Minimise environmental damage to the work and surrounding area when preparing areas using a MEWP
- Prepare MEWP for operation; checking, setting up, adjusting, communicating, manoeuvring, positioning, accessing and setting down
- Identify types of MEWPs and their characteristics
- Carry out pre-operational checks for obstructions, stability, and ground conditions
- Use fall prevention equipment
- Avoid damage to structures and utilities service apparatus
- Shut down and secure the MEWP
- Describe how to maintain the plant and machinery, hand tools, ancillary equipment used to access working areas
- Clarify the importance of identifying the safe working load (SWL) of a MEWP and the implications of exceeding it
- Demonstrate how to convert the MEWP to transport position in accordance with the operator's manual

Pre-use checks

- Valid LOLER certificate
- Wheels and tyres
- Lubricants
- Hydraulics including rams and check valves
- Ground controls
- Emergency descent
- Operators manual
- Platform controls
- Drive and braking
- All hydraulic controls
- All isolation controls
- Starting procedure
- Jacks, stabilisers, outriggers, pothole prot.
- Lights and audible warning devices (horn etc.)
- Hydraulic controls
- Operators platform