

Virtual Reality & Mobile Training Centre

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nationwideplatforms.co.uk

Virtual Reality Training Simulator

As Europe's leading provider of powered access training, Nationwide Platforms has invested in ground-breaking virtual reality simulators to complement its range of training courses.

This pioneering new technology has been designed to allow operators to experience a true-to-life look and feel of operating an access platform in a safe and controlled environment.

- Four course principles
- More than 33 scissor and boom lift scenarios
- State-of-the-art virtual reality technology
- Replica controls based on real machines
- Fully immersive and realistic high-risk manoeuvres in a safe environment
- Conducted at training centres, on-site or in our Mobile Training Centre
- Operator skills scored using operator metrics and tracking systems

Training Benefits:

- Operators familiarised with MEWP use
- Safer, more experienced operators
- Practice in responding to risk
- Reduction in the number of accidents on site
- Reduction to damage to buildings and equipment
- High Risk operating scenarios in a risk free environment

Training courses cover four principle areas:

- Introduction to Powered Access
- Operator Annual Assessment / Update
- Site Induction and Workforce Skills Assessment
- Risk Assessment Workshop



The **Virtual Reality Simulator** realistically mimics the sensation of boom and scissor lift operations.

Virtual Reality Training Course Prospectus

Introduction to Powered Access

Designed to introduce new entrants to the industry the uses, risks and types of powered access equipment as well as the safety laws and regulations involved. Users will complete two basic manoeuvre scenarios on the simulator.

Module 1 - Introduction to Powered Access

- What are they?
- What are the uses?
- What are the risks?
- Types of powered access

Module 2 - Regulations & Law Overview

- Health & Safety at Work Act
- PUWER
- Working at Height

Module 3 - Access Platform Controls

- Control Guide
- Control demo/walk-through

Module 4 - Walk-through & Demo

- Simulator functions
- Familiarisation
- Scoring overview

Module 5 - Testing

- 10 Question multiple choice
- 2 VR Scenario Tests

Course duration

½ day

Maximum delegates

6



Operator Annual Assessment / Update

Candidates will learn changes to IPAF, regulations and law surrounding powered access with courses of increasing difficulty identifying operator strengths as well as potential training needs. (Only for IPAF cards holders).

Module 1 - IPAF & Safety Update

- IPAF Update
- Safety Update
- BS8460
- Working at Height Regulations
- CDM
- Recent accidents
- Causes & factors
- Accident Outcomes

Module 2 - Safety Systems

- Importance of Pre use Check
- Emergency Lowering

Module 3 - Walk-through & Demo

- Simulator functions
- Familiarisation
- Scoring overview

Module 4 - Virtual Simulator Assessment

- 6 VR scenarios
- 3 levels of difficulty

Module 5 - Testing

- Knowledge Test 15 questions
- Wrap Up

Course duration

1 day

Maximum delegates

10



Site Induction and Workforce Skills Assessment

Experienced IPAF card holders will complete scenarios of increasing difficulty with a trainer providing live feedback and comments on operational competence. Training outcomes and advice for candidates and managers based on scores, along with recommendations for machine use and further training required.

Module 1 - Walk-through & Demo

- Simulator functions
- Familiarisation
- Scoring overview

Module 2 - Virtual Simulator Assessment

- 6 VR scenarios
- 3 levels of difficulty

Module 3 - Feedback

- Training Suggestions
- Operator Feedback
- Wrap Up

Duration

1 day

Maximum delegates

10



Risk Assessment Workshop

The course provides an update on powered access risks and control measures as well as an update on current laws regarding the use of access equipment. This training can support risk assessment planning and post-accident investigation.

Module 1 - IPAF & Safety Update

- IPAF Update
- Safety Update
- BS8460
- Working at Height Regulations
- CDM
- Recent accidents
- Causes & factors
- Accident Outcomes

Module 2 - Powered Access Risks & Controls

- Pre Use Checks
- Safety Systems
- Familiarisation
- Risk Assessments

Module 3 - Walk-through & Demo

- Simulator functions
- Familiarisation
- Scoring overview

Module 4 - VR Scenario Assessment

- Operate the machine in multiple scenarios
- Evaluate risks in each scenario
- Debrief risks and challenges

Module 5 - Testing

- Knowledge Test 10 questions
- Wrap Up

Duration

1 day

Maximum delegates

10



"IPAF welcomes this technology and immediately endorses the use of VR simulators as a good training tool for MEWP operations, when used in addition to the current IPAF theory and practical training programmes."

Tim Whiteman, IPAF's CEO

Virtual Reality Mobile Training Centre

Features:

- Virtual Reality MEWP Simulator zone
- Tables and chairs for up to 8 delegates (IPAF compliant)
- Air con unit, 40" LED TV, kitchen, power sockets for laptops, USB charging points
- 7.5T truck, hydraulic stabilisers, powered by onboard generator or 240v supply
- CLOCS & FORS Specification

Benefits:

- Reduced lost time away from work
- Less costs related to travelling to and from specific venues for staff
- No accommodation costs and related expenses for staff
- Training carried out in relative environments on-site
- Easier coordination of staff
- Better planning and selection of venues



For more details contact

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