



Learning Outcomes for N133 Plant Machinery Marshal

Learning Outcome	Instructor Notes
Have a basic understanding of the industry, the dangers of working in the industry and their responsibilities as a vehicle / plant machinery marshal	Explain the structure of the course and the need to comply with your instructions at all times • Explain that the industry is very dangerous and that only safe working practices will be adopted throughout the course • Personal safety is not just the absence of physical injury, can be affected by noise, vibration and can lead to lost time, lost income, expense for the employer etc • Explain Health & Safety at Work Act 1974, PUWER Regulations, LOLER Regulations, MHSAWA , CDM Regulations, ROPS, FOPS, Method statements, Risk assessments, Vibration at Work Regulations, Road Traffic Act, Safety Signs and Signals Regulations, GS6 and other relevant legislation • Remind learners that operators have moral obligations, legal obligations and environmental obligations • Explain reporting structures, the importance of good communication on site (colleagues, management, and other workers on site)
Have a working knowledge of the manufacturer's handbook for the particular vehicle / machine to be used	Explain the importance of the manufacturer's handbooks and that it will be used throughout the course. Stress that it has to be used in alliance with all relevant legislation
Have a good understanding of signs and signals, approved hand signals and different forms of communication	Explain the importance of understanding all hand signs signals and legal implications of Guiding a vehicle / machine without having checked both parties understand • Go through the sequence of checking. Hand signals BS7121, BS 6736, use manufacturer's handbook to identify blind spots etc
Identify and maintain PPE appropriate for vehicle / plant machinery marshal	Explain that PPE should include the following: Suitable safety boots, ear defenders, face / eye protection, dust mask if appropriate, suitable gloves, overalls, indicators, hard hat, reflectors etc.
Conduct all necessary safety checks at the work area	Explain and demonstrate the following fully: Walk the site and highlight or remove any hazards • Edge protection appropriate size • Overhead cables • Confirm that the condition of the site is safe to work in • Report any hazards that cannot be removed
Set up exclusion zone for loading / unloading	Explain the importance of exclusion zones and the necessity to keep pedestrians and other plant separate • Set out warning signs and barriers, to warn members of the public



Learning Outcomes for N133 Plant Machinery Marshal

Learning Outcome	Instructor Notes
Guide vehicle / machinery in a forward and reverse direction including confined space and blind spots maintaining full visual contact	Explain and demonstrate procedures to be adopted including: How to maintain full visual contact • Steering functions • Slip / trip possibilities • Reversing cameras • Stability and security • Tipping procedure • Safe procedure opening tail gates etc • Starting / stopping procedures
Environmental considerations	Explain and demonstrate procedures to be adopted including: Clear visibility • Communication system – signals etc • Noise • Dust • Vibration • Ground contamination • Ground damage • Fuel spills • Fumes • Flying debris
Carry out all end of work and shut down procedures	Explain and demonstrate procedures to be adopted including: Shut down procedures and machine security • Make safe and secure all attachments landed

****The learning outcomes listed should not be considered in isolation and may be added to in order to accurately reflect the learner's duties and working environment***