



Learning Outcomes for N723 – Harness and Fall Arrest

Learning Outcome	Instructor Notes
Have a basic understanding of the industry, the dangers of working in the industry and their responsibilities	Explain the structure of the course and the need to comply with your instructions at all times <ul style="list-style-type: none">• 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 Regs, Risk Assessments, Method Statements, ACOP, INDG 401, BS EN 361, 354, 365, 8437, and Working at Height Regulations, PPE Regulations etc. 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 harness / fall arrest to be used	Explain the importance of the manufacturer's handbook and that it will be used throughout the course. Stress that it has to be used in alliance with all relevant legislation
Be able to locate and identify the major components of the harness / fall arrest and explain their functions	Explain the different types of harness / fall arrest and different components <ul style="list-style-type: none">• Explain the function of the components and how they all contribute to the safety and operational integrity of the harness / fall arrest• Explain harness• Identification tag• CE mark• Lanyard• Stitching• Buckles• Clips• SWL• Labels• Carabines• Anchor points• Selection• Suitability• Inertia reel• Energy absorber lanyard compatibility• All safety systems etc
Conduct all Safety checks in accordance with manufacturer's and legislative requirements	Explain the importance of checks and legal implications of using a harness / fall arrest without having it checked. Use manufacturer's handbook, check sheet, defect reporting procedure, also check weather conditions, wind speed etc
Select suitable type of harness / fall arrest relative to the work being undertaken	Explain the different types of harness / fall arrest that are available, and may be selected dependant on the type of work being conducted, fall prevention, Full body harness, belt harness, height, location, length of time used etc
Identify and maintain PPE appropriate for harness / fall arrest use	Explain that PPE should include the following: Overalls, suitable safety boots, Hi-Viz clothing, ear defenders, face / eye protection, dust mask if appropriate, suitable gloves, hard hat with chin strap etc



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Correctly fit and remove the safety harness / fall arrest and demonstrate correct use	Explain and demonstrate the following fully: <ul style="list-style-type: none">• Correctly fit and remove the safety harness / fall arrest• Walk the site and highlight uneven ground, general ground conditions and remove any hazards e.g. works debris• Locate overhead obstructions• Set up and secure exclusion zone and set out warning signs and barriers to warn the workforce and members of the public• Confirm wind speeds and weather conditions are suitable to work safely• Report any hazards that cannot be removed• Confirm anchor point is suitable and secure
Carry out end of work inspections	Explain and demonstrate procedures to be adopted including: <ul style="list-style-type: none">• Check condition of harness / fall arrest• Lanyard• Stitching• Buckles• Clips• SWL• Labels• Carabines• Anchor points• Selection• Suitability• Inertia reel• Energy absorber etc
Environmental considerations	Explain and demonstrate procedures to be adopted including: <ul style="list-style-type: none">• All round clear visibility• Communication system – signals etc• Wind speeds• Weather conditions• Noise• Vibration• Ground contamination from work debris• Flying debris• Dust
Storage of harness / fall arrest	Explain and demonstrate the following: <ul style="list-style-type: none">• Correct / secure storage of harness / fall arrest as per manufactures recommendations

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