Course Objectives for N120 Plant Loader Securer

It is envisaged that by the end of this course of training the trainee operator will be able to answer questions on and perform the following:

- Have a basic understanding of the industry, the dangers of working in the industry and their responsibilities as an operative in the industry
- Have a working knowledge of the manufacturer's handbook for the particular machine to be used and relevant legislation
- Be able to identify different types of transport, explain their purpose, the major components, basic construction, controls and terminology
- Conduct all pre-operational checks in accordance with manufacturer's and legislative requirements
- Conduct all necessary safety checks at the loading / unloading area
- Ensure that the transporter is correctly configured in readiness for loading and unloading
- Explain hazards that may exist in the work area and how to avoid them, e.g. underground services, overhead power lines etc
- Agree a method of communication and use it
- Load or direct items of plant onto and off transporting vehicle
- Arrange and secure items of plant on transport vehicle ready for transport on the public highway
- Carry out all end of shift and shut down procedures

Max Ratio Novice Course	Novice Course Duration	Max number of novice tests	Max number of refresher tests	Max number of experienced worker tests
3:1:1	2 Days	3	3	6

Learning Outcomes for N120
Plant Loader Securer

Learning Outcome	Instructor Notes
Have a basic understanding of the industry, the dangers of working in the industry and their responsibilities as an operative in the industry	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, WAHR, PUWER Regulations, LOLER Regulations 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 machine to be used and relevant legislation	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. Explain Construction and Use Regulations, codes of practice and Road Traffic Act
Be able to identify different types of transport, explain their purpose, the major components, basic construction, controls and terminology	Explain the different types of transport • Explain the function of the major components and how they all contribute to the safety and operational integrity of the transporter • Explain, power units, hydraulic systems • Trailer bed / extensions • Wheels / axles • MAM • Applications • Chassis • Safety systems etc
Conduct all pre-operational checks in accordance with manufacturer's and legislative requirements	Explain the importance of pre-operational checks and legal implications of using a machine without having checked it. Go through the sequence of checking. Use manufacturer's handbook, check sheet, defect reporting procedure etc
Conduct all necessary safety checks at the loading, unloading area	Explain the need to check: • Ground type and pressure • Where to position transporter • Where machines are positioned • Access and egress • Signage • Hazards
Ensure that the transporter is correctly configured in readiness for loading and unloading	Explain the following fully: • Stability of the vehicle • Outriggers • Positioning of ramps • Access / egress on and off trailer • Condition of ramps and traction • Condition of trailer bed • Hazards • Working at Height Regulations • Manual handling

Learning Outcomes for N120
Plant Loader Securer

Learning Outcome	Instructor Notes
Explain hazards that may exist in the work area and how to avoid them, e.g. underground services, overhead power lines etc	Explain the need to check for: Types of underground services • Overhead power lines • Warning systems • Minimum clearances • Reporting procedures
Agree a method of communication and use it	Explain: Different types of signals • Method of signalling • Importance of signaller identification • Verbal instructions • Maintaining good visibility etc
Load or direct items of plant onto and off transporting vehicle	Explain procedures to be adopted including: Positioning of machines • Signals and methods of communication to be adopted • Visibility • Accessories for loading • Stability of the trailer • Traction • Axle weight distribution • Height restrictions etc
Arrange and secure items of pant on transport vehicle ready for transport on the public highway	Explain: Different types of securing equipment • Different securing methods • Securing points on machines and trailer • Selection of appropriate securing methods and equipment • Manufacturer's recommendations • Manual handling issues
Carry out all end of shift and shut down procedures	Explain and demonstrate: All shut down procedures • Parking and positioning of the vehicle, security

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