

Loader/securer STGO – A50

Learning for CPCS



Outcomes

Through a combination of targeted training and experience, an individual as a STGO loader/securer will be able to:

Roles and responsibilities	<ul style="list-style-type: none">• Describe the nature of the sector of industry and their role and responsibilities as a loader/securer
Preparing for work	<ul style="list-style-type: none">• Name and explain types of transporter, purpose, principal components, the basic construction, controls and terminology• Conform with manufacturer's requirements as per the operator's handbook, other types of information source and relevant regulations and legislation• Undertake all pre-use checks on the transporter and prime mover
Travelling and manoeuvring	<ul style="list-style-type: none">• Configure and set for site and public highway travel, loaded and unloaded
Setting up for work	<ul style="list-style-type: none">• Prepare the area for loading and unloading duties• Configure and set the transporter for loading and unloading duties• Explain actions required for hazards, underground and overhead services• Arrange, use and comply with communication procedures
Working tasks	<ul style="list-style-type: none">• Load or direct and position different items of plant on and off a trailer• Arrange, secure and ready items of plant on the trailer in preparation for travel on the public highway• Explain STGO legislative requirements for transporting loads on the highway• Explain considerations when planning a route on the public highway• State requirements to be undertaken when loading and unloading on the public highway
Shutting down	<ul style="list-style-type: none">• Carry out shut down and securing procedures• Explain the Road Traffic Act requirements

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Syllabus



Learning outcome	Training content	
<ul style="list-style-type: none"> Describe the nature of the sector of industry and their role and responsibilities as a plant operator 	<ul style="list-style-type: none"> Industry type Customer / client needs Sector contribution Role Reporting structures Lifelong skills Working practices Social responsibilities 	<ul style="list-style-type: none"> Communication with colleagues / management / other trades Health and Safety at Work Act Environmental issues Other trades
<ul style="list-style-type: none"> Name and explain types of transporter, purpose, principal components, the basic construction, controls and terminology 	<ul style="list-style-type: none"> Differing types Function / applications Power units Hydraulic systems Chassis / transmissions Axles / wheels Attachments 	<ul style="list-style-type: none"> Stability / ground pressure Safety systems Classifications MAM Bed / deck extensions
<ul style="list-style-type: none"> Conform with manufacturer's requirements as per the operator's handbook, other types of information source and relevant regulations and legislation 	<ul style="list-style-type: none"> Operator's Manual Machine decals Health and Safety at Work Act PPE Construction and use regulations Codes of Practice 	<ul style="list-style-type: none"> Site plans / drawings Method statements Road Traffic Act (RTA) Plating Risk assessments / COSHH Inspection and reporting forms / procedures
<ul style="list-style-type: none"> Undertake all pre-use checks on the transporter and prime mover 	<ul style="list-style-type: none"> Regular and non-scheduled maintenance procedures 	<ul style="list-style-type: none"> Sequence of pre-use checks Defect reporting
<ul style="list-style-type: none"> Configure and set for site and public highway travel, loaded and unloaded 	<ul style="list-style-type: none"> Driving position Visibility Security of trailer components / ramps / securing equipment etc. Extruding parts / overhangs 	<ul style="list-style-type: none"> RTA compliant Lights / signs / marker boards Hazards MAM / train weights Documentation
<ul style="list-style-type: none"> Prepare the area for loading and unloading duties 	<ul style="list-style-type: none"> Type of ground Ground pressure Loading area seclusion Signage Transporter positioning 	<ul style="list-style-type: none"> Access / egress for loads Access / egress for other traffic Hazards Machines positioning

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Syllabus (continued)

Learning outcome	Training content	
<ul style="list-style-type: none"> • Configure and set the transporter for loading and unloading duties 	<ul style="list-style-type: none"> • Stability / outriggers • Ramps activation • Access / egress on / off trailer • Manual handling 	<ul style="list-style-type: none"> • Ramp traction • Bed condition / cleanliness • Hazards • Working at height
<ul style="list-style-type: none"> • Explain actions required for hazards, underground and overhead services 	<ul style="list-style-type: none"> • Warning / identification systems • Reporting procedures for damage to services 	<ul style="list-style-type: none"> • Types of typical services • Minimum distances and clearances
<ul style="list-style-type: none"> • Arrange, use and comply with communication procedures 	<ul style="list-style-type: none"> • Methods and types of signals • Signaller identification • Methods of verbal instruction • Visibility 	<ul style="list-style-type: none"> • Electronic communication / setting-up • Multiple signalling • Codes of Practice • Radio protocol
<ul style="list-style-type: none"> • Load or direct and position different items of plant on and off a trailer 	<ul style="list-style-type: none"> • Machine(s) positioning • Signals / communication • Visibility • Loading accessories • Transporter stability 	<ul style="list-style-type: none"> • Traction • Machine driving skills • Speeds • Axle loadings • Height restrictions
<ul style="list-style-type: none"> • Arrange, secure and ready items of plant on the trailer in preparation for travel on the public highway 	<ul style="list-style-type: none"> • Types of lashing / restraining / securing gear • Methods of restraining / securing • Hitch points – trailer / machine 	<ul style="list-style-type: none"> • Selecting restraining / securing gear • Manufacturers' procedures • Manual handling
<ul style="list-style-type: none"> • Explain STGO legislative requirements for transporting loads on the highway 	<ul style="list-style-type: none"> • Legislation and regulations • Planning • Categories / restrictions • Notification bodies 	<ul style="list-style-type: none"> • Abnormal load / escorting • Notification periods • Additional personnel • Invisible loads
<ul style="list-style-type: none"> • Explain considerations when planning a route on the public highway 	<ul style="list-style-type: none"> • Height restrictions • Time zones / restrictions • Driving hours • Maps / routes • Axle / vehicle weight 	<ul style="list-style-type: none"> • Minor roads / tight turning areas • Road Traffic Act • Urban / zone restrictions • Escorting • Bridge Strikes

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Syllabus (continued)



Learning outcome	Training content	
• State requirements to be undertaken when loading and unloading on the public highway	• Notification • Positioning • Area preparation	• Roads and Street Works Act requirements • Signing / lighting
• Carry out shut down and securing procedures	• Shut down procedures • Security	• Parking and positioning
• Explain the Road Traffic Act requirements	• Transport Operator licensing / requirements • Driver Licensing • Documentation • Vehicle compliance • Vehicle speeds	• Driver training / re-training • Axle loadings • Accident / incident reporting • Hazardous loads

Note: The listed training content should not be considered exhaustive and subjects may be added to reflect the individuals' working environment.

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Safety critical



Emphasis to be placed on the following topics:

Topic	Emphasis
<ul style="list-style-type: none">• Load security	<ul style="list-style-type: none">• All loads to be fully secured irrespective of the distance to be travelled
<ul style="list-style-type: none">• Height marking	<ul style="list-style-type: none">• Height indicator of loads or map of route (avoiding restrictions) to be visible to the driver in the cab

Duration / Ratios

To allow effective learning, these training times are recommended for this category. Candidates must be profiled to establish learning needs. Durations should be of a length to ensure the learning outcomes are met.

Experience	Accumulated hours
<ul style="list-style-type: none">• Novice operators with no industry or machine experience	70
<ul style="list-style-type: none">• Novice operators with industry experience but no machine experience	62
<ul style="list-style-type: none">• Operators with unrelated (transporting / haulage) machine experience	42
<ul style="list-style-type: none">• Operators with similar (transporting / haulage) machine experience	28

All candidates must have received the equivalent to 7 hours of site safety and induction training

To allow effective learning, the listed candidate / machine / instructor ratio is the maximum recommended for this category

4 candidates : 2 machines: 1 instructor

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Resources



Practical equipment	Theory equipment
<ul style="list-style-type: none">• STGO transporter and trailer• Operator’s manual for the vehicle• Tracked, wheeled and compaction plant for loading / unloading purposes• Sufficient area of ground suitable for loading / unloading and manoeuvring• Equipment for area segregation <p>PLUS</p> <ul style="list-style-type: none">• Suitable PPE• Risk assessment for all areas where training is occurring	<ul style="list-style-type: none">• PUWER 1998 Regulations• Road Traffic Act• Construction and Use Regulations• HSE GS6• Operator’s Manual• Specifications for types of STGO transporters and common type of construction plant (for recognition purposes) <p>PLUS</p> <ul style="list-style-type: none">• Suitable room for theory training purposes• Welfare and rest facilities during training.

Category

Category description and types

CPCS defines a category as an item of plant or equipment used within the construction or allied industries and worked in accordance with the manufacturer’s basic design. This category is defined as a duty of an individual involved with plant and equipment transport operations.

Duties

To position and prepare the transporter for loading or unloading, load or direct the item(s) of plant onto and off the trailer, secure and ready the transporter for public highway travel. The individual is expected to have a reasonable understanding of the legislative and regulative requirements for transporting loads on the public highway