

Skip handler – A39

Learning for CPCS



Outcomes

Through a combination of targeted training and experience, an individual with the skip handler 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 plant operator
Preparing for work	<ul style="list-style-type: none"> Name and explain the purpose of 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
Travelling and manoeuvring	<ul style="list-style-type: none"> Configure and set for travel (site and highway) Travel over undulating ground and level surfaces – loaded and unloaded Manoeuvre in confined spaces whilst carrying loads
Setting up for work	<ul style="list-style-type: none"> Ensure the suitability of the tipping and loading area Explain actions required for hazards, underground and overhead services
Working tasks	<ul style="list-style-type: none"> Position the vehicle to pick up and place skip / containers, including areas having height restrictions Retrieve and place skips or containers of various sizes and weights Deposit loads from a skip or container Transfer loads to different locations Carry out procedures for travel to ensure load integrity and security during travel Position the vehicle to pick up and place skip / containers, including areas having height restrictions
Completing work	<ul style="list-style-type: none"> Ensure deposited skips or bodies are left in a safe manner
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 the purpose of principal components, the basic construction, controls and terminology 	<ul style="list-style-type: none"> Differing types Functions and applications Power units Hydraulic systems Transmissions Chassis / steering / tyres 	<ul style="list-style-type: none"> Stability / ground pressure Carrying capacities Types of bodies Attachments ROPS / FOPS
<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 Codes of Practice Site plans / drawings 	<ul style="list-style-type: none"> Method statements Load / tare sheets Risk assessments / COSHH Inspection and reporting forms / procedures
<ul style="list-style-type: none"> Undertake all pre-use checks 	<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 travel (site and highway) 	<ul style="list-style-type: none"> Driving controls Attachments Security Driving position 	<ul style="list-style-type: none"> Visibility Body position Road Traffic Act
<ul style="list-style-type: none"> Travel over undulating ground and level surfaces – loaded and unloaded 	<ul style="list-style-type: none"> Driving controls Ground conditions Traction / aids Road travel Hazards 	<ul style="list-style-type: none"> Working area Site travel Environment protection / minimise damage
<ul style="list-style-type: none"> Manoeuvre in confined spaces whilst carrying loads 	<ul style="list-style-type: none"> Visibility / aids Limitations of vision Protection of ground / tight turns 	<ul style="list-style-type: none"> Personnel Environmental / noise / fumes Hazards

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Syllabus (continued)



Learning outcome	Training content	
<ul style="list-style-type: none"> • Ensure the suitability of the tipping and loading area 	<ul style="list-style-type: none"> • Access / egress routes • Ground type / condition • Site markings 	<ul style="list-style-type: none"> • Turning areas • Hazards
<ul style="list-style-type: none"> • Explain actions required for hazards, underground and overhead services 	<ul style="list-style-type: none"> • Types of typical services • Warning / identification system 	<ul style="list-style-type: none"> • Reporting procedures for damage to services • Minimum distances and clearances
<ul style="list-style-type: none"> • Position the vehicle to pick up and place skip / containers, including areas having height restrictions 	<ul style="list-style-type: none"> • Reversing procedures • Visibility • Ground conditions • Skip / body positions 	<ul style="list-style-type: none"> • Signalling / following instructions • Environmental conditions • Hazards / heights
<ul style="list-style-type: none"> • Retrieve and place skips or containers of various sizes and weights 	<ul style="list-style-type: none"> • Signalling / following instructions • Vehicle suitability • Stability / SWL • Lifting equipment capability • Techniques • Regulations / legislation 	<ul style="list-style-type: none"> • Carrying capacity / axle loadings • Securing procedures • Estimating loads • Visibility • Hazards • Weight distribution
<ul style="list-style-type: none"> • Deposit loads from a skip or container 	<ul style="list-style-type: none"> • Discharge area • Ground conditions • Stability (raised skips / container) • Fully emptying skips / container • Visibility • Signalling / following instructions • Hazards / heights 	<ul style="list-style-type: none"> • Techniques • Material jams • Discharging on inclines • Discharging whilst moving • Materials / vehicle protection • Environmental considerations • Minimising spillage
<ul style="list-style-type: none"> • Transfer loads to different locations 	<ul style="list-style-type: none"> • Travel routes / planning • Ground types • Haul route procedures • Visibility • Hazards 	<ul style="list-style-type: none"> • Efficiency • Speed limits • Projecting loads • Environmental conditions • Road Traffic Act

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Syllabus (continued)



Learning outcome	Training content	
<ul style="list-style-type: none">• Carry out procedures for travel to ensure load integrity and security during travel	<ul style="list-style-type: none">• Skip / container securing / locking procedures• Netting / sheeting• Doors / lids securing• Material types / factors	<ul style="list-style-type: none">• Working at height• Hazards• Environmental considerations
<ul style="list-style-type: none">• Ensure deposited skips or bodies are left in a safe manner	<ul style="list-style-type: none">• Positioning / hazards• Ground conditions• Load security / integrity• Road Traffic Act	<ul style="list-style-type: none">• Signing / lighting• Environmental considerations
<ul style="list-style-type: none">• Carry out shut down and securing procedures	<ul style="list-style-type: none">• Shut down procedures• Security	<ul style="list-style-type: none">• Parking and positioning
<ul style="list-style-type: none">• Explain the Road Traffic Act requirements	<ul style="list-style-type: none">• Transport Operator licensing / requirements• Driver Licensing• Documentation• Vehicle Compliance• Axle loadings	<ul style="list-style-type: none">• Driver training / re-training• 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">• Reversing procedures	<ul style="list-style-type: none">• All reversing and safety aids to be fully functional – use of signaller mandatory on most working areas
<ul style="list-style-type: none">• Stability with raised skips / containers or uneven ground	<ul style="list-style-type: none">• Checking ground prior to tipping – tipping skips / containers slowly (weight transfer)
<ul style="list-style-type: none">• Working at height	<ul style="list-style-type: none">• Safe access requirements when netting, sheeting and securing loads for transport

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 (commercial) machine experience	28
<ul style="list-style-type: none">• Novice operators with industry experience but no (commercial) machine experience	21
<ul style="list-style-type: none">• Operators with unrelated (commercial / transporting) machine experience	14
<ul style="list-style-type: none">• Operators with similar (commercial / transporting) machine experience	7

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">• Suitable skip handler that meets current legislation• Operator's manual for the host vehicle and lifting unit• Loading machine• Sufficient area of ground for driving / manoeuvring• Uneven terrain• Skip / body placing and tipping areas <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• LOLER 1998 Regulations• Work at Height Regulations 2003• Road Traffic Act• HSE GS6• Operator's Manual• Specifications for types of skip handler / host vehicles <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. Although this category can have some variations, for CPCS training and assessment standards, the descriptions reflect basic core use.

To identify a machine within this category, a typical skip handler would normally have the listed features and be used within the described characteristics.

Category features	Category characteristics
<ul style="list-style-type: none">• Commercial vehicle-based multi-axled chassis containing a forward driving position; power, transmission, hydraulic and electrical units• Hydraulic lifting arm or arms able to lift and chassis-mountable skips or bodies• Chain link connection between a 'U' frame lifting arm and skip that lifts and places the skip on the vehicle bed <p>OR</p> <ul style="list-style-type: none">• Single hooked lifting arm connecting directly to the body and draws the body on chassis mounted rollers onto the chassis	<ul style="list-style-type: none">• Able to travel in forward and reverse and change direction during travel by steering the front axles• Can travel on uneven and loose ground and slopes• Lifts, transports and deposits loads contained within a skip or body• Can deposit a load by raising the body / tilting the skip