



# Industrial Counter Balanced Forklift



NPORS CODE N001

## Course programme

It is envisaged that by the end of this course of training the learner 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 a plant operator
- Have a working knowledge of the manufacturer's handbook for the particular machine to be used
- Be able to locate and identify the major components of the machine and explain their functions
- Be able to locate and identify steering, driving and braking controls and explain their functions
- Conduct all pre-operational checks in accordance with manufacturer's and legislative requirements
- Safely mount and dismount the machine
- Start and stop the engine and safely move the machine off and stop it safely
- Configure the machine for travel and manoeuvre it safely laden and unladen, in open and confined areas
- Conduct all necessary safety checks at the work area
- Manoeuvre the machine to the work area and correctly configure in readiness to carry out lifting and load handling tasks
- Carry out lifting and load handling tasks
- Lift and transfer loads accurately and safely at different locations
- Load and unload external transport safely
- Fit, adjust and or remove attachments
- Demonstrate knowledge and understanding of loading and unloading procedures for machine transportation
- Carry out all end of shift and shut down procedures.

For more information contact us on **07525 598028** or [constructionacademy@pearson.com](mailto:constructionacademy@pearson.com)  
Learn more at [www.pearsonTQconstruction.com](http://www.pearsonTQconstruction.com)



# Rough Terrain Lift Truck

NPORS CODE N009



## Course programme

It is envisaged that by the end of this course of training the learner 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 a plant operator
- Have a working knowledge of the manufacturer's handbook for the particular machine to be used
- Be able to locate and identify the major components of the machine and explain their functions
- Be able to locate and identify steering, driving and braking controls and explain their functions
- Conduct all pre-operational checks in accordance with manufacturer's and legislative requirements
- Safely mount and dismount the machine
- Start and stop the engine and safely move the machine off and stop it safely
- Configure the machine for travel and manoeuvre it safely laden and unladen, over varying terrain, rough ground, inclines, in open and confined areas
- Conduct all necessary safety checks at the work area
- Manoeuvre the machine to the work area and correctly configure in readiness to carry out lifting and load handling tasks
- Carry out lifting and load handling tasks
- Lift and transfer loads accurately and safely at different locations
- Load and unload external transport safely
- Fit, adjust and or remove attachments
- Demonstrate knowledge and understanding of loading and unloading procedures for machine transportation
- Carry out all end of shift and shut down procedures.

For more information contact us on **07525 598028** or [constructionacademy@pearson.com](mailto:constructionacademy@pearson.com)  
Learn more at [www.pearsonTQconstruction.com](http://www.pearsonTQconstruction.com)



# Telescopic Handler

NPORS CODE N010



## Course programme

It is envisaged that by the end of this course of training the learner 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 a plant operator
- Have a working knowledge of the manufacturer's handbook for the particular machine to be used and other relevant sources of information
- Be able to locate and identify the major components of the machine and explain their functions
- Be able to locate and identify steering, driving and braking controls and explain their functions
- Conduct all pre-operational checks in accordance with manufacturer's and legislative requirements
- Safely mount and dismount the machine
- Start and stop the engine and safely move the machine off and stop it safely
- Configure the machine for travel and manoeuvre it safely laden and unladen, over varying terrain, rough ground, inclines, in open and confined areas
- Conduct all necessary safety checks at the work area
- Manoeuvre the machine to the work area and correctly configure in readiness to carry out lifting and load handling tasks
- Carry out lifting and load handling tasks
- Lift and transfer loads accurately and safely at different locations
- Load and unload external transport safely
- Fit, adjust and or remove attachments
- Demonstrate knowledge and understanding of loading and unloading procedures for machine transportation
- Carry out all end of shift and shut down procedures.

For more information contact us on **07525 598028** or [constructionacademy@pearson.com](mailto:constructionacademy@pearson.com)  
Learn more at [www.pearsontqconstruction.com](http://www.pearsontqconstruction.com)



# Excavator as Crane

NPORS CODE N100



## Course programme

It is envisaged that by the end of this course of training the learner 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 operator.
- Be able to conform to manufacturers requirements as per technical data, conform to relevant regulations and legislation.
- Be able to locate, identify and explain Safe Working Loads, Lifting capacity chart and explain different lifting configurations and working ranges.
- Identify and explain different lifting procedures, explain what task could fall into each category.
- Identify and explain centres of gravity and calculate estimated weights of loads.
- Identify any overhead / proximity hazards.
- Be able to agree the signal codes / hand signals, direction of movement, safe working and safe landing, placement zone with the Slinger / Signaller.
- Ensure Excavator is in a safe condition for attachments to be fitted
- Checked load integrity and security by carrying out trial lift.
- Be able to lift and move a load to a designated position in a safe and controlled manner, ensuring minimum uncontrolled movement.
- Environmental considerations.
- Carry out all out of service and securing procedures.

\*Please note that these course objectives have been developed on the premise that the suspended loads will be slung by a dedicated, qualified, competent and authorised slinger/signaller. Where on occasion the excavator operator may be required to sling the loads they are to transport they too must be qualified, competent and authorised slinger/signallers.

For more information contact us on **07525 598028** or [constructionacademy@pearson.com](mailto:constructionacademy@pearson.com)  
Learn more at [www.pearsontqconstruction.com](http://www.pearsontqconstruction.com)



# Mobile Crane

NPORS CODE N101



## Course programme

It is envisaged that by the end of this course of training the learner 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 operator.
- Have a working knowledge of the manufacturer's handbook for the particular machine to be used.
- Be able to locate and identify the major components of the machine and explain their functions.
- Be able to locate and identify key controls and explain their functions.
- Set up exclusion zone
- Identify and maintain PPE appropriate for mobile crane use
- Conduct all pre-operational and running checks in accordance with manufacturer's and legislative requirements.
- Prepare the mobile crane for use and operate machine safely and efficiently
- Environmental considerations.
- Carry out all end of work and shut down procedures.

For more information contact us on **07525 598028** or [constructionacademy@pearson.com](mailto:constructionacademy@pearson.com)  
Learn more at [www.pearsontqconstruction.com](http://www.pearsontqconstruction.com)



# Overhead Crane

NPORS CODE N104



## Course programme

It is envisaged that by the end of this course of training the learner 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 operator.
- Have a working knowledge of the manufacturer's handbook for the particular machine to be used.
- Be able to locate and identify the major components of the machine and explain their functions.
- Be able to locate and identify key controls and explain their functions
- Set up exclusion zone
- Identify and maintain PPE appropriate for overhead crane use
- Conduct all pre-operational and running checks in accordance with manufacturer's and legislative requirements.
- Prepare the overhead crane for use and operate machine safely and efficiently
- Environmental considerations.
- Carry out all end of work and shut down procedures.

For more information contact us on **07525 598028** or [constructionacademy@pearson.com](mailto:constructionacademy@pearson.com)  
Learn more at [www.pearsonTQconstruction.com](http://www.pearsonTQconstruction.com)



# Lorry Loader

NPORS CODE N107



## Course programme

It is envisaged that by the end of this course of training the learner 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 a plant operator
- Have a working knowledge of the manufacturer's handbook and other sources of information, regulations and legislation applicable to the particular machine to be used
- Be able to locate and identify the major components of the vehicle and loader crane and explain their functions
- Be able to locate and identify all operating controls and explain their functions
- Conduct all pre-operational checks in accordance with manufacturer's and legislative requirements
- Configure the vehicle and loader crane ready for travel
- Configure the machine for travel and manoeuvre it safely across varying terrain in open and confined areas
- Conduct all necessary safety checks at the work area
- Manoeuvre the machine to the work area and correctly configure in readiness to carry out lifting duties
- Correctly deploy the stabilisers according to stated manufacturer's specifications
- Comply with all requirements for rated capacity indicators or load moment indicators
- Identify weights and centres of gravity of loads to be used
- Carry out lifting operations using the full capabilities of the loader crane
- Position loads accurately at designated locations including onto and from the vehicle
- Identify, fit and remove various attachments and lifting accessories as appropriate
- Minimise load swing and ensure load security on the vehicle
- Carry out all end of shift and shut down procedures.

For more information contact us on **07525 598028** or [constructionacademy@pearson.com](mailto:constructionacademy@pearson.com)  
Learn more at [www.pearsontqconstruction.com](http://www.pearsontqconstruction.com)



# MEWP Boom

NPORS CODE N108



## Course programme

It is envisaged that by the end of this course of training the learner 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 a plant operator
- Have a working knowledge of the manufacturer's handbook for the particular machine to be used, and be familiar with other types of information sources and relevant legislation
- Be able to locate and identify the major components of the machine and explain their functions
- Be able to locate and identify steering, driving and braking controls and explain their functions
- Conduct all pre-operational checks in accordance with manufacturer's and legislative requirements
- Check all emergency lowering functions
- Safely mount and dismount the machine
- Configure the machine for travel
- Configure the machine for travel and manoeuvre it safely on level / rough ground and inclines in open and confined areas
- Conduct all necessary safety checks at the work area, including overhead and underground hazards
- Manoeuvre the machine to the work area and correctly configure in readiness to carry out accessing tasks
- Carry out accessing tasks, at various points up to full operating height
- Travel with platform raised (where applicable)
- Demonstrate knowledge and understanding of loading and unloading procedures for machine transportation
- Carry out all end of shift and shut down procedures.

For more information contact us on **07525 598028** or [constructionacademy@pearson.com](mailto:constructionacademy@pearson.com)  
Learn more at [www.pearson-tq-construction.com](http://www.pearson-tq-construction.com)





# MEWP Scissor

NPORS CODE N109



## Course programme

It is envisaged that by the end of this course of training the learner 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 a plant operator
- Have a working knowledge of the manufacturer's handbook for the particular machine to be used, and be familiar with other types of information sources and relevant legislation
- Be able to locate and identify the major components of the machine and explain their functions
- Be able to locate and identify steering, driving and braking controls and explain their functions
- Conduct all pre-operational checks in accordance with manufacturer's and legislative requirements
- Check all emergency lowering functions
- Safely mount and dismount the machine
- Configure the machine for travel
- Configure the machine for travel and manoeuvre it safely on level ground and inclines in open and confined areas
- Conduct all necessary safety checks at the work area, including overhead and underground hazards
- Manoeuvre the machine to the work area and correctly configure in readiness to carry out accessing tasks
- Carry out accessing tasks, at various points up to full operating height
- Travel with platform raised (where applicable)
- Use platform extension section
- Demonstrate knowledge and understanding of loading and unloading procedures for machine transportation
- Carry out all end of shift and shut down procedures

For more information contact us on **07525 598028** or [constructionacademy@pearson.com](mailto:constructionacademy@pearson.com)  
Learn more at [www.pearsontqconstruction.com](http://www.pearsontqconstruction.com)



# Plant Loader Securer

NPORS CODE N120



## Course programme

It is envisaged that by the end of this course of training the learner 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.

For more information contact us on **07525 598028** or [constructionacademy@pearson.com](mailto:constructionacademy@pearson.com)  
Learn more at [www.pearsonTQconstruction.com](http://www.pearsonTQconstruction.com)



# Plant Mover Non-Operational Duties



NPORS CODE N132

## Course programme

It is envisaged that by the end of this course of training the learner 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 operator.
- Have a working knowledge of the manufacturer's handbook for the particular machine to be used.
- Be able to locate and identify the major components of the machine and explain their functions.
- Be able to locate and identify key controls and explain their functions.
- Conduct all pre-operational checks in accordance with manufacturer's and legislative requirements.
- Identify and maintain PPE appropriate for Plant Mover use.
- Prepare machinery for use and operate machinery safely and efficiently.
- Conduct all necessary safety checks at the work area.
- Environmental considerations.
- Storage and transport of machinery attachments.
- Demonstrate knowledge and understanding of loading and unloading procedures for machine transportation.
- Carry out all end of shift and shut down procedures.

For more information contact us on **07525 598028** or [constructionacademy@pearson.com](mailto:constructionacademy@pearson.com)  
Learn more at [www.pearson-tqconstruction.com](http://www.pearson-tqconstruction.com)



# Plant Machinery Marshaller

NPORS CODE N133



## Course programme

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

- Have a basic understanding of the industry and the relevant legislation, the dangers of working in the industry and their responsibilities as a Vehicle / Plant Machinery Marshal
- Have knowledge of the manufacturer's handbook for the particular vehicle / machine to be guided
- Have a good understanding of signs and signals, approved hand signals and different forms of communication
- Identify and maintain PPE appropriate for Vehicle / Plant Machinery Marshal
- Conduct all necessary safety checks at the work area including Stop Blocks and Tipping areas
- Set up Exclusion zone for loading / unloading
- Guide machinery in a forward and reverse direction including confined spaces and "blind areas" safely and efficiently.
- Environmental considerations
- Carry out all end of shift and shut down and parking procedures.

For more information contact us on **07525 598028** or [constructionacademy@pearson.com](mailto:constructionacademy@pearson.com)  
Learn more at [www.pearsontqconstruction.com](http://www.pearsontqconstruction.com)



# Telescopic Handler – Suspended Loads



NPORS CODE N138

## Course programme

It is envisaged that by the end of this course of training the learner 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 operator.
- Be able to conform to manufacturers requirements as per technical data, conform to relevant regulations and legislation.
- Be able to locate, identify and explain Safe Working loads, Lifting capacity chart and explain how the manufacturer may reduce the lifting capacity when moving a suspended load, different lifting configurations and working ranges
- Identify and explain different lifting procedures, explain what task could fall into each category.
- Identify and explain centres of gravity and calculate estimated weights of loads.
- Identify any overhead / proximity hazards.
- Be able to agree the signal codes / hand signals, direction of movement, safe working and safe landing placement zone with the Slinger / Signaller.
- Ensure Telescopic Handler is in a safe condition and attachments fitted correctly
- Checked load integrity and security.
- Be able to lift and move a load to a designated position in a safe and controlled manner, ensuring minimum uncontrolled movement.
- Environmental considerations.
- Carry out all out of service and securing procedures.

For more information contact us on **07525 598028** or [constructionacademy@pearson.com](mailto:constructionacademy@pearson.com)  
Learn more at [www.pearsontqconstruction.com](http://www.pearsontqconstruction.com)



# Mini Forward Tipping Dumper

NPORS CODE N139



## Course programme

It is envisaged that by the end of this course of training the learner 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 operator.
- Have a working knowledge of the manufacturer's handbook for the particular machine to be used.
- Be able to locate and identify the major components of the machine and explain their functions.
- Be able to locate and identify key controls and explain their functions.
- Conduct all pre-operational checks in accordance with manufacturer's and legislative requirements.
- Identify and maintain PPE appropriate for Forward Tipping Mini Dumper use.
- Conduct all necessary safety checks at the work area.
- Prepare the Forward Tipping Mini Dumper for use and operate safely and efficiently
- Attachments set correctly ready for operation
- Environmental considerations.
- Storage and transport of Forward Tipping Mini Dumper / implements / attachments.
- Carry out all end of shift and shut down procedures.

For more information contact us on **07525 598028** or [constructionacademy@pearson.com](mailto:constructionacademy@pearson.com)  
Learn more at [www.pearson-tqconstruction.com](http://www.pearson-tqconstruction.com)



# Excavator 180°

NPORS CODE N201



## Course programme

It is envisaged that by the end of this course of training the learner 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 operator.
- Have a working knowledge of the manufacturer's handbook for the particular machine to be used.
- Be able to locate and identify the major components of the machine and explain their functions.
- Be able to locate and identify key controls and explain their functions.
- Conduct all pre-operational checks in accordance with manufacturer's and legislative requirements.
- Identify and maintain PPE appropriate for excavator 180° use.
- Prepare excavator 180° for use
- Conduct all necessary safety checks at the work area.
- Operate machinery Safely and Efficiently
- Environmental considerations.
- Storage and transport of Excavator 180° attachments.
- Carry out all end of shift and shut down procedures.

For more information contact us on **07525 598028** or [constructionacademy@pearson.com](mailto:constructionacademy@pearson.com)  
Learn more at [www.pearsonTQconstruction.com](http://www.pearsonTQconstruction.com)



# Excavator 360°

NPORS CODE N202



## Course programme

It is envisaged that by the end of this course of training the learner 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 a plant operator.
- Have a working knowledge of the manufacturer's handbook for the particular machine to be used.
- Be able to locate and identify the major components of the machine and explain their functions.
- Be able to locate and identify steering, driving and braking controls and explain their functions.
- Identify and maintain PPE appropriate for Excavator use.
- Conduct all pre-operational checks in accordance with manufacturer's and legislative requirements.
- Safely mount and dismount the machine.
- Start and stop the engine and safely move the machine off and stop it safely.
- Configure the machine for travel and manoeuvre it safely across varying terrain in open and confined areas.
- Conduct all necessary safety checks at the work area.
- Manoeuvre the machine to the work area and correctly configure in readiness to carry out excavating tasks.
- Carry out excavating tasks
- Load material onto transporting vehicles or into containers.
- Reinstatement excavation, grade and level ground
- Fit and remove attachments.
- Carry out all end of shift and shut down procedures.

For more information contact us on **07525 598028** or [constructionacademy@pearson.com](mailto:constructionacademy@pearson.com)  
Learn more at [www.pearson-tq-construction.com](http://www.pearson-tq-construction.com)





# Forward Tipping Dumper

NPORS CODE N204



## Course programme

It is envisaged that by the end of this course of training the learner 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 operator.
- Have a working knowledge of the manufacturer's handbook for the particular machine to be used.
- Be able to locate and identify the major components of the machine and explain their functions.
- Be able to locate and identify key controls and explain their functions.
- Conduct all pre-operational checks in accordance with manufacturer's and legislative requirements.
- Identify and maintain PPE appropriate for forward tipping dumper use.
- Prepare the forward tipping dumper for use and operate safely and efficiently
- Conduct all necessary safety checks at the work area.
- Attach and set trailers, ready for operation
- Environmental considerations.
- Storage and transport of implements and attachments
- Carry out all end of shift and shut down procedures.

For more information contact us on **07525 598028** or [constructionacademy@pearson.com](mailto:constructionacademy@pearson.com)  
Learn more at [www.pearsonTQconstruction.com](http://www.pearsonTQconstruction.com)



# Rear Tipping Dumper

NPORS CODE N205



## Course programme

It is envisaged that by the end of this course of training the learner 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 operator.
- Have a working knowledge of the manufacturer's handbook for the particular machine to be used.
- Be able to locate and identify the major components of the machine and explain their functions.
- Be able to locate and identify key controls and explain their functions.
- Conduct all pre-operational checks in accordance with manufacturer's and legislative requirements.
- Identify and maintain PPE appropriate for rear tipping dumper use.
- Conduct all necessary safety checks at the work area.
- Prepare the rear tipping dumper for use & operate machinery safely and efficiently.
- Environmental considerations
- Demonstrate knowledge and understanding of loading and unloading procedures for machine transportation
- Carry out all end of shift and shut down procedures.

For more information contact us on **07525 598028** or [constructionacademy@pearson.com](mailto:constructionacademy@pearson.com)  
Learn more at [www.pearsontqconstruction.com](http://www.pearsontqconstruction.com)



# Screeener

NPORS CODE N208



## Course programme

It is envisaged that by the end of this course of training the learner 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 a plant operator.
- Have a working knowledge of the manufacturer's handbook for the particular machine to be used.
- Be able to locate and identify the major components of the machine and explain their functions.
- Be able to locate and identify how to use the attached remote control.
- Conduct all pre-operational checks in accordance with manufacturer's and legislative requirements.
- Identify and maintain PPE appropriate to the Screeener.
- Safely mount and dismount the Screeener.
- Start and stop the engine, belts, feeder, and screens safely.
- Configure the machine for travel and manoeuvre it safely across varying terrain.
- Conduct all necessary safety checks at the work area.
- Explain different types of Screeeners, their advantages and dis-advantages of using, how they segregate the desired material
- Communicate with loading operator establishing agreed signs, desired product size and production speed
- Carry out an emergency stop / safety precautions
- Carry out Screening tasks
- Demonstrate knowledge and understanding of loading and unloading procedures for Screeener transportation.
- Environmental considerations
- Carry out all end of shift and shut down procedures.

For more information contact us on **07525 598028** or [constructionacademy@pearson.com](mailto:constructionacademy@pearson.com)  
Learn more at [www.pearsontqconstruction.com](http://www.pearsontqconstruction.com)



# Loading Shovel

NPORS CODE N209



## Course programme

It is envisaged that by the end of this course of training the learner 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 operator.
- Have a working knowledge of the manufacturer's handbook for the particular machine to be used.
- Be able to locate and identify the major components of the machine and explain their functions.
- Be able to locate and identify key controls and explain their functions.
- Conduct all pre-operational checks in accordance with manufacturer's and legislative requirements.
- Identify and maintain PPE appropriate for loading shovel use.
- Conduct all necessary safety checks at the work area.
- Prepare the loading shovel for use, operate machinery safely and efficiently.
- Environmental considerations.
- Storage and transport of implements and attachments
- Demonstrate knowledge and understanding of loading and unloading procedures for machine transportation.
- Carry out all end of shift and shut down procedures.

For more information contact us on **07525 598028** or [constructionacademy@pearson.com](mailto:constructionacademy@pearson.com)  
Learn more at [www.pearsontqconstruction.com](http://www.pearsontqconstruction.com)



# Skid Steer Loader

NPORS CODE N212



## Course programme

It is envisaged that by the end of this course of training the learner 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 operator.
- Have a working knowledge of the manufacturer's handbook for the particular machine to be used.
- Be able to locate and identify the major components of the machine and explain their functions.
- Be able to locate and identify key controls and explain their functions.
- Conduct all pre-operational checks in accordance with manufacturer's and legislative requirements.
- Identify and maintain PPE appropriate for skid steer loader use.
- Conduct all necessary safety checks at the work area.
- Prepare the skid steer loader for use, operate machinery safely and efficiently.
- Environmental considerations.
- Storage and transport of implements and attachments
- Demonstrate knowledge and understanding of loading and unloading procedures for machine transportation.
- Carry out all end of shift and shut down procedures.

For more information contact us on **07525 598028** or [constructionacademy@pearson.com](mailto:constructionacademy@pearson.com)  
Learn more at [www.pearsonTQconstruction.com](http://www.pearsonTQconstruction.com)



# Road Roller

NPORS CODE N214



## Course programme

It is envisaged that by the end of this course of training the learner 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 operator.
- Have a working knowledge of the manufacturer's handbook for the particular machine to be used.
- Be able to locate and identify the major components of the machine and explain their functions.
- Be able to locate and identify key controls and explain their functions.
- Conduct all pre-operational checks in accordance with manufacturer's and legislative requirements.
- Identify and maintain PPE appropriate for Roller use.
- Prepare the Roller for use and operate machinery safely and efficiently.
- Conduct all necessary safety checks at the work area.
- Operate machinery safely and efficiently
- Environmental considerations.
- Demonstrate knowledge and understanding of loading and unloading procedures for machine transportation
- Carry out all end of shift and shut down procedures.

For more information contact us on **07525 598028** or [constructionacademy@pearson.com](mailto:constructionacademy@pearson.com)  
Learn more at [www.pearsontqconstruction.com](http://www.pearsontqconstruction.com)



# Dozer

NPORS CODE N215



## Course programme

It is envisaged that by the end of this course of training the learner 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 operator.
- Have a working knowledge of the manufacturer's handbook for the particular machine to be used.
- Be able to locate and identify the major components of the machine and explain their functions.
- Be able to locate and identify key controls and explain their functions.
- Conduct all pre-operational checks in accordance with manufacturer's and legislative requirements.
- Identify and maintain PPE appropriate for dozer use.
- Conduct all necessary safety checks at the work area.
- Prepare the dozer for use, operate machinery safely and efficiently
- Attach and set trailed, mounted attachments ready for work.
- Environmental considerations.
- Storage and transport of implements and attachments
- Demonstrate knowledge and understanding of loading and unloading procedures for machine transportation
- Carry out all end of shift and shut down procedures.

For more information contact us on **07525 598028** or [constructionacademy@pearson.com](mailto:constructionacademy@pearson.com)  
Learn more at [www.pearsontqconstruction.com](http://www.pearsontqconstruction.com)



# Chipper

NPORS CODE N244



## Course programme

It is envisaged that by the end of this course of training the learner 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 a plant operator.
- Have a working knowledge of the manufacturer's handbook for the particular machine to be used.
- Be able to locate and identify the major components of the machine and explain their functions.
- Be able to locate and identify steering, driving and braking controls and explain their functions.
- Identify and maintain PPE appropriate for Chipper Spreader use.
- Conduct all pre-operational and running checks in accordance with manufacturer's and legislative requirements.
- Safely mount and dismount the machine.
- Configure the machine for travel and manoeuvre it safely across varying terrain in open and confined areas.
- Conduct all necessary safety checks at the work area.
- Manoeuvre the machine to the work area and correctly configure in readiness to carry out chipper spreader tasks.
- Carry out Chipper Spreader tasks
- Receive material from transporting vehicles.
- Demonstrate knowledge and understanding of loading, unloading and towing procedures for machine transportation.
- Environmental Considerations.
- Carry out all end of shift and shut down procedures.

For more information contact us on **07525 598028** or [constructionacademy@pearson.com](mailto:constructionacademy@pearson.com)  
Learn more at [www.pearson-tq-construction.com](http://www.pearson-tq-construction.com)





# Appointed Person

NPORS CODE N401



## Course programme

It is envisaged that by the end of this course of training the learner 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 Appointed Person
- Explain the duties and responsibilities of: Crane/Lift Supervisor, Crane operator, Slinger/Signaller, Crane erector and Maintenance personnel.
- Demonstrate and explain how to interpret and extract information on all relevant documentation including legislation, regulations, codes of practice that relate to all lifting operations and duties.
- Explain and identify the different requirements to be followed for the lifting of persons, a basic lift, standard lift, complex lift and additional requirements for lifting from height.
- Explain the notification process and the requirements for reporting procedures to Authorities, Utility bodies, and any other parties if affected by the lifting operation.
- Identify different types of Cranes, their capabilities and limitations for lifting,
- Explain the maintenance, inspection, thorough examination and testing requirements for lifting equipment and all accessories.
- Explain setting up, erection, levelling and dismantling requirements for diverse types of lifting equipment and lifts.
- Explain and demonstrate how to calculate point loadings and outrigger loadings, spreader mat types and sizes.
- Explain the function and use of the RCI, LMI and anti-collision systems and utilise the information provided.
- Demonstrate and explain the selection of the correct cranes for specified lifts including all accessories, ensuring correct duties charts, range diagrams and specification sheets.
- List and explain relevant information relating to different types of lifting accessories and explain their applications.

For more information contact us on **07525 598028** or [constructionacademy@pearson.com](mailto:constructionacademy@pearson.com)  
Learn more at [www.pearsontqconstruction.com](http://www.pearsontqconstruction.com)

- Explain and demonstrate different slinging techniques, calculating sling sizes and angles, balanced and unbalanced, centres of gravity and loose loads etc.
- Identify weights and centres of gravity for various types of loads, and specify appropriate lifting accessories for various types of load.
- Demonstrate and illustrate different types of communication methods for lifting purposes and state
- Explain the importance of completing a reflective report on a lifting operation.
- Identify and demonstrate how to and plan an area with exclusion zones for diverse lifting operations identifying any proximity/underground hazards from supplied plans and drawings.
- Identify and plan an area with exclusion zones for diverse lifting operations identifying safe access and egress before, during and after any lifting operation.
- Explain and identify the requirements for safe site access and egress for different types of lifting equipment.
- Demonstrate how to construct a safe system of work by producing risk assessments, method statements and lift plans with information supplied.
- Prepare and explain lift plan information to all personnel involved in lifting operations.
- Specify and explain positioning of the crane and load, identifying limiting factors and immovable obstructions that must be considered.
- Identify and explain how environmental factors outside the lift zone but within the surrounding area can effect planned lifting operations and the possible outcomes.

For more information contact us on **07525 598028** or **constructionacademy@pearson.com**  
 Learn more at **www.pearsonconstruction.com**





# Slinger and Signaler

NPORS CODE N402



## Course programme

It is envisaged that by the end of this course of training the learner 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 a Slinger / Signaller
- Be able to conform to manufacturers requirements as per technical data, conform to relevant regulations and legislation.
- Be able to locate, identify and explain different types of lifting equipment and lifting accessories. Explain their basic construction, uses, applications and their functions
- Be able to interpret and extract information on all relevant documentation
- Undertake all pre-use checks on non-specialist lifting accessories and identify non-serviceable items
- Explain procedures for placing non-serviceable items out-of-service
- Identify and explain centres of gravity and calculate estimated weights of loads
- Set up exclusion zone explaining actions required for emergency actions, identifying any overhead hazards
- Identify and maintain PPE appropriate for Slinger / Signaller use
- Secure various types of loads to a hook using the relevant lifting accessories and procedures ensuring load balance, security and integrity
- Direct and guide the movement of loads to different types of location using different methods of communication
- Environmental considerations
- Carry out all out of service and securing procedures.

For more information contact us on **07525 598028** or [constructionacademy@pearson.com](mailto:constructionacademy@pearson.com)  
Learn more at [www.pearsontqconstruction.com](http://www.pearsontqconstruction.com)



# Vehicle Marshaller

NPORS CODE N403



## Course programme

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

- Have a basic understanding of the industry and the relevant legislation, the dangers of working in the industry and their responsibilities as a vehicle marshaller
- Have knowledge of the manufacturer's handbook for the particular vehicle / machine to be guided
- Have a good understanding of signs and signals, approved hand signals and different forms of communication
- Identify and maintain PPE appropriate for vehicle marshaller duties
- Conduct all necessary safety checks at the work area including stop blocks and tipping areas
- Set up exclusion zone for unloading
- Guide machinery in a forward and reverse direction including confined spaces and "blind areas" safely and efficiently
- Environmental considerations
- Carry out all end of shift and shut down and parking procedures.

For more information contact us on **07525 598028** or [constructionacademy@pearson.com](mailto:constructionacademy@pearson.com)  
Learn more at [www.pearson-tq-construction.com](http://www.pearson-tq-construction.com)



# Crane Lift Supervisor

NPORS CODE N405



## Course programme

It is envisaged that by the end of this course of training the learner 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 a Crane / Lift Supervisor
- Explain the importance of locating and identifying different types of lifting equipment and lifting accessories. Explain their basic construction, uses, applications and functions
- Demonstrate how to interpret and extract information on all relevant documentation
- Explain and demonstrate diverse types of communication methods used for lifting purposes
- Explain procedures for placing non-serviceable items out-of-service
- Explain the function and use of the RCIs and Anti-Collision systems and use the information provided
- Explain setting up, erection, levelling and dismantling requirements for diverse types of lifting equipment and lifts
- Set up exclusion Zone explaining actions required for emergency actions and identify overhead hazards
- Identify potential hazards and unsafe lifting practices using different lifting scenarios
- Explain the importance of checking the security of various types of loads and lifting accessories, explain the procedures ensuring load balance and integrity
- Supervise the movement of loads to different types of locations using different methods of communication
- Explain all Environmental considerations and explain how factors such as the external area to the lift zone can affect the planning of the lifting operation
- Carry out all out of service and securing procedures.

For more information contact us on **07525 598028** or [constructionacademy@pearson.com](mailto:constructionacademy@pearson.com)  
Learn more at [www.pearsontqconstruction.com](http://www.pearsontqconstruction.com)



# Materials Re-Handler 360<sup>o</sup>

NPORS CODE N722



## Course programme

It is envisaged that by the end of this course of training the learner 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 a plant operator
- Have a working knowledge of the manufacturer's handbook for the particular machine to be used
- Be able to locate and identify the major components of the machine and explain their functions
- Be able to locate and identify steering, driving and braking controls and explain their functions
- Conduct all pre-operational checks in accordance with manufacturer's and legislative requirements
- Safely mount and dismount the machine
- Start and stop the engine and safely move the machine off and stop it safely.
- Configure the machine for travel and manoeuvre it safely across varying terrain in open and confined areas
- Conduct all necessary safety checks at the work area
- Manoeuvre the machine to the work area and correctly configure in readiness to carry out processing tasks
- Carry out processing task
- Load material onto transporting vehicles, containers or processing plant
- Fit and remove attachments.
- Demonstrate knowledge and understanding of loading and unloading procedures for machine transportation
- Carry out all end of shift and shut down procedures

For more information contact us on **07525 598028** or [constructionacademy@pearson.com](mailto:constructionacademy@pearson.com)  
Learn more at [www.pearsontqconstruction.com](http://www.pearsontqconstruction.com)



# Harness and Fall Arrest

NPORS CODE N723



## Course programme

It is envisaged that by the end of this course of training the learner 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.
- Have a working knowledge of the manufacturer's handbook for the particular Harness / Fall Arrest to be used.
- Be able to locate and identify major components of the Harness / Fall Arrest and explain their functions.
- Conduct all safety checks in accordance with manufacturer's and legislative requirements.
- Select suitable type of Harness / Fall Arrest relative to the work being undertaken.
- Identify and maintain PPE appropriate for use Harness / Fall Arrest and demonstrate correct use
- Correctly fit and remove the safety Harness / Fall Arrest.
- Carry out end of work inspections.
- Environmental considerations.
- Storage of Harness / Fall Arrest.

For more information contact us on **07525 598028** or [constructionacademy@pearson.com](mailto:constructionacademy@pearson.com)  
Learn more at [www.pearsonTQconstruction.com](http://www.pearsonTQconstruction.com)



## Other courses



We also deliver the following NPORS courses, please contact us for further information.

- N011 – Industrial Telescopic Handler
- N014 – Marine Knuckled Boom
- N016 – Excavator Mini
- N017 – Petrol Driven Cut Off Saw
- N123 – Excavator Mini Up To 5 Tonnes
- N207 – Crusher
- N301a – Abrasive Wheels Awareness
- N301b – Abrasive Wheels with Practical Cutting/Grinding
- N304 – Cable Avoidance Tool
- N404 – Safe Working at Height
- N607 – 4x4 Off Road Vehicle
- N703 – Fire Warden
- N704 – Manual Handling
- N714 – Safety at Street and Road Works
- N726 – Quick Hitch Awareness

For more information contact us on **07525 598028** or [constructionacademy@pearson.com](mailto:constructionacademy@pearson.com)  
Learn more at [www.pearsontqconstruction.com](http://www.pearsontqconstruction.com)