

C – Competence Modules (Attachment / Trailer)

- OTPA_00 Operator Attachment Core Module
- OTPA_01 Operate Attachment Access Platform Boom (MEWP)
- OTPA_02 Operate Attachment Access Platform Scissor (MEWP)
- OTPA_03 Operate Attachment Kb Crane
- OTPA_04 Operate Trailer
- OTPA_05 Operate Attachment Ballast Brush
- OTPA_06 Operate Attachment Ballast Plough
- OTPA_07 Operate Attachment Ballast Regulator
- OTPA_08 Operate Attachment Chipper
- OTPA_09 Operate Attachment Clamshell Bucket
- OTPA_10 Operate Attachment Fast-Clipper
- OTPA_11 Operate Attachment Flail (Brush Cutter)
- OTPA_12 Operate Attachment Flash-butt Welder
- OTPA_13 Operate Attachment Hydraulic Rail Beam
- OTPA_14 Operate Attachment Hydraulic Grab
- OTPA_15 Operate Attachment Mixer
- OTPA_16 Operate Attachment Panel Lifting Beam
- OTPA_17 Operate Attachment Rail Cropper
- OTPA_18 Operate Attachment Sleeper Placer
- OTPA_19 Operate Attachment Tamper
- OTPA_20 Operate Attachment Tanker / Jetter
- OTPA_21 Operate Attachment Thimble
- OTPA_23 Operate Attachment Vacuum Lifter
- OTPA_24 Operate Attachment Vacuum Unit
- OTPA_25 Operate Attachment Piling Rig
- OTPA_26 Tandem Lifting using On Track Plant

OTPA_00: Operator Attachment / Trailer Core Module

1. Purpose

The purpose of this competence standard is to define the competence requirements for persons required to operate On Track Plant using approved attachments/trailers.

2. Scope

This competence standard applies in all circumstances where any person is required to operate On Track Plant using approved attachments/trailers within a possession on Network Rail managed infrastructure.

The level and extent of responsibility will include their own safety and that of others who might be affected by their work. Operators will be expected to refer to others for authorisation when required, they will be responsible for adhering to the instructions and will work within set procedures and specifications.

This competence standard shall be used to assess the competence of people who are required to operate On Track Plant with approved attachments / trailers on Network Rail managed infrastructure.

3. Competence Standard

This Competence Standard comprises two elements:

Element 1 Carry out pre-work checks.

Element 2 Operate the OTP with attachments / trailers safely

The first element is concerned with completion of defined pre-work checks in accordance with instructions. The second element is concerned with operating the machine and attachments/trailers safely.

To prove competence in this unit, the person must also be assessed as competent in unit of competence 'OTPO Core' & hold a competence certificate for the specific OTP being used to operate the attachment as well as be able to demonstrate their ability to complete elements one and two and show they can follow recording, reporting and escalation procedures.

4. Assessment

4.1 Initial Assessment

Where the activity is new to the person's area of responsibility evidence shall be used from satisfactory completion of training and mentoring and shall be gathered from the person operating On Track Plant using approved attachments/trailers.

Where the person has been previously trained and has been completing the work for more than one year, performance evidence requirements defined in the element do not apply. The primary source of the evidence will be from detailed questioning supported by performance evidence recorded in a work experience log or other supporting documentation.

4.2 Re-Assessment

Re-assessment shall be completed at least every 2 years in accordance with the requirements set out in 7.3.

5. Knowledge Evidence common to the whole unit

You must have knowledge and understanding of:

1. What equipment certification / documentation is required.
2. Procedures to confirm operational and personal safety is maintained during the work.
3. How movement & operation of OTP may affect the safe operation of the railway.
4. The operating, care and control procedures applicable.
5. Reporting lines, communication protocols and procedures.
6. How the systems function under normal operating conditions.
7. What each of the component parts contributes to the operation of the OTP.
8. Terminology and methods used to identify equipment and describe the operation of the OTP.
9. Safe start up procedures, including checks prior to operational controls test.
10. Work procedures and hazards when adjacent lines are open to traffic.
11. What authorisation procedures are and limits of the operator responsibility & authority.
12. What procedures apply to taking the equipment out of service.
13. Types of hazards, lines and methods of communication during emergency recovery.

OTPA_00: Operator Attachment / Trailer Core Module

Element 1: Carry out pre-work checks.

Performance statements

You must be able to:

- a. Work safely at all times, complying with health and safety and other relevant regulations and guidelines.
- b. Confirm the documentation which is required with the host machine when used with an attachment.
- c. Confirm that the host machine can operate the attachment and undertake the relevant safety & pre-work visual checks in accordance with instructions.
- d. Identify & report any instances where the required specification cannot be fully met or where there are identified defects.
- e. Safely and correctly connect the attachment to the host machine
- f. Carry out pre-work operational checks to confirm the attachment is in good working order.

Scope of Competence

1. Safety and pre-work checks will include:

- Visual checks
- Identify any faults that may affect the safety of the attachment operation.
- Confirming area is clear of personnel and obstructions.
- Check all operational controls are functioning correctly.
- Check required documentation and confirm it is current.
- Record results of checks and identified defects.

2. Documentation checks will include:

- Engineering acceptance or NWR approved documents.

3. Pre-work operational checks will include:

- Nuts / Bolts / Pins / Clips
- Panels / Guards or other safety devices
- Hydraulic rams / Hoses / Fittings
- Rotating parts
- Electrical connections
- Safe Start & Stop of attachment
- On Track Brake test

Knowledge statements

You must have knowledge and understanding of:

1. What operator documentation is required prior to and on completion of the work with attachment
2. What types of defect can occur with the attachment, how to check for these defects and what to do in the event of a defect with the attachment.
 - a. Reporting procedures
 - b. Recording mechanisms
 - c. Do not use until replacement obtained or authorised repair is undertaken.
3. What tests / checks must be undertaken for a complete pre-work check.

Checks include:

- Nuts / Bolts / Pins / Clips
- Panels / Guards or other safety devices
- Hydraulic rams / Hoses / Fittings
- Rotating parts
- Electrical connections
- Safe Start & Stop of attachment
- On Track Brake test

Performance Evidence Requirements

Performance evidence for initial assessment must be collected from differing types of training & workplace evidence, of the person completing all relevant procedures in respect of performance statements: a, c, e, and f.

The remaining performance statements 'b and d' may be assessed by using a range of assessment methods including witness testimony, documented questioning or evidence from training.

Performance evidence for recertification assessment may be collected through differing types of workplace evidence and may include direct observation, witness testimony, completed reports of work checks, knowledge testing or a combination of the above for the person completing all relevant operating procedures

OTPA_00: Operator Attachment Core Module	
Element 2: Operate the OTP with attachments safely	
<p>Performance statements <i>You must be able to:</i></p> <ol style="list-style-type: none"> a. Work safely at all times, complying with health and safety and other relevant regulations and guidelines. b. Confirm that the machine is set-up and ready for the activities to be carried out. c. Safely carry out operating activities with the attachment to the required specification in the correct sequence and in an agreed time scale in accordance with agreed instructions. d. Adhere to the rated capacity indicator where required. e. Safely and correctly detach the attachment from the host machine when work is completed, storing attachment in a suitable and safe manner in accordance with instructions. 	<p>Knowledge statements <i>You must have knowledge and understanding of:</i></p> <ol style="list-style-type: none"> 1. Types of hazards associated with the operation of the machine and attachment. 2. Types of attachment approved and required for the task. 3. Work procedures and hazards associated with adjacent lines, where open to traffic whilst operating On Track Plant using attachments. 4. Safe start up procedures, including checks made prior to operational controls test. 5. How to recognise when the work required exceeds the limits of the operator competence.
<p>Scope of Competence</p> <ol style="list-style-type: none"> 1. Operating activities are to: <ul style="list-style-type: none"> • Identify restricted zones and apply appropriate protection arrangements • Work safely, adjacent to lines open to rail movements, including when trains approach 	<p>Performance Evidence Requirements</p> <p>Performance evidence for initial assessment must be collected through differing types of workplace evidence and may include direct observation, witness testimony, completed reports of work checks, knowledge testing or a combination of the above for the person completing all relevant procedures in respect of performance statements: a, b, c and d.</p> <p>Performance statement 'e' may be assessed by using a range of assessment methods including witness testimony, documented questioning or evidence from training.</p> <p>Performance evidence for recertification assessment may be collected through differing types of workplace evidence and may include direct observation, witness testimony, completed reports of work checks, knowledge testing or a combination of the above for the person completing all relevant operating procedures.</p>

OTPA_01: Operate Attachment Access Platform Boom (MEWP)	
Element 1: Operate the Access Platform Boom (MEWP) safely	
<p>Performance statements <i>You must be able to:</i></p> <ol style="list-style-type: none"> a. Work safely at all times, complying with health and safety and other relevant regulations and guidelines. b. Confirm that the host machine can operate with the Access Platform Boom (MEWP) attachment considering the hydraulic pressures to be displayed on both the host machine and the trailer. c. Confirm that the Access Platform Boom (MEWP) is approved for the activities to be carried out. d. Identify through visual inspection any defects with the Access Platform Boom (MEWP) attachment prior to use. e. Operate the brakes (application and release). f. Confirm the braking capacity of the host machine when using the Access Platform Boom (MEWP). g. Identify & report any instances where the required specification cannot be fully met or where there are identified defects. h. Safely and correctly detach the Access Platform Boom (MEWP) from the host machine when work is completed, storing the Access Platform Boom (MEWP) in a suitable and safe manner in accordance with instructions. 	<p>Knowledge statements <i>You must have knowledge and understanding of:</i></p> <ol style="list-style-type: none"> 1. Types of hazards and defects associated with the operation of the Access Platform Boom (MEWP). 2. The effect of loose broken or missing components on the Access Platform Boom (MEWP). 3. Actions to be taken when defects are discovered with the Access Platform Boom (MEWP). 4. Approved methods for On/Off tracking a machine to be used with an Access Platform Boom (MEWP). 5. Method for checking the brakes. 6. Methods of confirming compatibility of the Access Platform Boom (MEWP) with the host machine, using the hydraulic pressure display(s). 7. The conditions under which braking distance may require to be extended, including reasons for the extension i.e. gradients, wet or oily rails 8. How to recognise when the work required exceeds the limits of the operator competence.
<p>Scope of Competence</p> <ol style="list-style-type: none"> 1. Visual inspection includes checks for: <ul style="list-style-type: none"> • Lights • Brakes • Missing, loose or broken components 	<p>Performance Evidence Requirements</p> <p>Performance evidence for initial assessment must be collected through differing types of workplace evidence and may include direct observation, witness testimony, completed reports of work checks, knowledge testing or a combination of the above for the person completing all relevant procedures in respect of performance statements: a, b, c, e, f and h.</p> <p>Performance statements 'd and g' may be assessed by using a range of assessment methods including witness testimony, documented questioning or evidence from training.</p> <p>Performance evidence for recertification assessment may be collected through differing types of workplace evidence and may include direct observation, witness testimony, completed reports of work checks, knowledge testing or a combination of the above.</p>

OTPA_02: Operate Attachment Access Platform Scissor (MEWP)	
Element 1: Operate the Access Platform Scissor (MEWP) safely	
<p>Performance statements <i>You must be able to:</i></p> <ol style="list-style-type: none"> a. Work safely at all times, complying with health and safety and other relevant regulations and guidelines. b. Confirm that the host machine can operate with the Access Platform Scissor (MEWP) attachment considering the hydraulic pressures to be displayed on both the host machine and the Access Platform Scissor (MEWP). c. Confirm that the Access Platform Scissor (MEWP) is approved for the activities to be carried out. d. Identify through visual inspection any defects with the Access Platform Scissor (MEWP) attachment prior to use. e. Operate the brakes (application and release). f. Confirm the braking capacity of the host machine when using the Access Platform Scissor (MEWP). g. Identify & report any instances where the required specification cannot be fully met or where there are identified defects. h. Safely and correctly detach the Access Platform Scissor (MEWP) from the host machine when work is completed, storing the Access Platform Scissor (MEWP) in a suitable and safe manner in accordance with instructions. 	<p>Knowledge statements <i>You must have knowledge and understanding of:</i></p> <ol style="list-style-type: none"> 1. Types of hazards and defects associated with the operation of the Access Platform Scissor (MEWP). 2. The effect of loose broken or missing components on the Access Platform Scissor (MEWP). 3. Actions to be taken when defects are discovered with the Access Platform Scissor (MEWP). 4. Approved methods for On/Off tracking a machine to be used with an Access Platform Scissor (MEWP). 5. Method for checking the brakes. 6. Methods of confirming compatibility of the Access Platform Scissor (MEWP) with the host machine, using the hydraulic pressure display(s). 7. The conditions under which braking distance may require to be extended, including reasons for the extension i.e. gradients, wet or oily rails 8. How to recognise when the work required exceeds the limits of the operator competence.
<p>Scope of Competence</p> <ol style="list-style-type: none"> 1. Visual inspection includes checks for: <ul style="list-style-type: none"> • Lights • Brakes • Missing, loose or broken components 	<p>Performance Evidence Requirements</p> <p>Performance evidence for initial assessment must be collected through differing types of workplace evidence and may include direct observation, witness testimony, completed reports of work checks, knowledge testing or a combination of the above for the person completing all relevant procedures in respect of performance statements: a, b, c, e, f and h.</p> <p>Performance statements 'd and g' may be assessed by using a range of assessment methods including witness testimony, documented questioning or evidence from training.</p> <p>Performance evidence for recertification assessment may be collected through differing types of workplace evidence and may include direct observation, witness testimony, completed reports of work checks, knowledge testing or a combination of the above.</p>

OTPA_03: Operate Attachment Kb Crane	
Element 1: Operate the Kb Crane	
<p>Performance statements <i>You must be able to:</i></p> <ol style="list-style-type: none"> Work safely at all times, complying with health and safety and other relevant regulations and guidelines. Confirm that the host machine can operate with the Kb Crane attachment considering the hydraulic pressures to be displayed on both the host machine and the Kb Crane. Confirm that the Kb Crane & host machine is set up, ready & approved for the activities to be carried out. Identify through visual inspection any defects with the Kb Crane attachment prior to use. Operate the brakes (application and release). Correctly operate the host machine, equipment and attachments, working within the machine lift capabilities monitoring and reacting to the RCI Confirm the braking capacity of the host machine when using the Kb Crane. Identify & report any instances where the required specification cannot be fully met or where there are identified defects. Safely and correctly detach the Kb Crane from the host machine when work is completed, storing the Kb Crane in a suitable and safe manner in accordance with instructions. Set & test motion restriction system, include RCI Reverse machine with a load Stack loads safely including rails & sleepers 	<p>Knowledge statements <i>You must have knowledge and understanding of:</i></p> <ol style="list-style-type: none"> Types of hazards and defects associated with the operation of the Kb Crane. The effect of loose broken or missing components on the Kb Crane. Actions to be taken when defects are discovered with the Kb Crane. Approved methods for On/Off tracking a machine to be used with an Kb Crane. Method for checking the lifting points & brakes. Pre-use checks required on un-powered lifting accessories Methods of confirming compatibility of the Kb Crane with the host machine, using the hydraulic pressure display(s). Circumstances which require a reduction of the SWL of a chain or sling. Problems caused by over-angling a sling during use. Special precautions required when slewing or lifting in areas of cants or gradients including effects of cant on SWL. Action to be taken if machine approaches SWL The conditions under which braking distance may require to be extended, including reasons for the extension i.e. gradients, wet or oily rails How to recognise when the work required exceeds the limits of the operator competence.
<p>Scope of Competence</p> <ol style="list-style-type: none"> Visual inspection includes checks for: <ul style="list-style-type: none"> Lights & Brakes Missing, loose or broken components RCI Prior to use Machine set-up includes: <ul style="list-style-type: none"> Estimate the weight of load to be lifted Setting the RCI where fitted for lifting duties in accordance with duty charts for the machine Select correct un-powered lifting accessories Including; Camlocks, chains, slings, shackles, unpowered lifting beams for sleepers or rails. Correctly operate to manufacturers instructions: <ul style="list-style-type: none"> Confirming Kb Crane is correctly attached Monitoring the RCI during lifting operations Confirm loads are slung correctly, trial lift to: Check balance of load, loads slipping or becoming detached, damage to load or lift accessories, long loads swinging out of control. <ul style="list-style-type: none"> Confirm machine remains stable at all times Place loads as directed by Crane controller Lift & Carry in rail mode Static lift on level rail & cants (high & low side) Identify restricted zones & protection arrangements Work adjacent to lines open to rail movements including when trains approach Reading duty charts 	<p>Performance Evidence Requirements</p> <p>Performance evidence for initial assessment must be collected through differing types of workplace evidence and may include direct observation, witness testimony, completed reports of work checks, knowledge testing or a combination of the above for the person completing all relevant procedures in respect of performance statements: a, b, c, e, f and h.</p> <p>Performance statements 'd and g' may be assessed by using a range of assessment methods including witness testimony, documented questioning or evidence from training.</p> <p>Performance evidence for recertification assessment may be collected through differing types of workplace evidence and may include direct observation, witness testimony, completed reports of work checks, knowledge testing or a combination of the above.</p>

OTPA_04: Operate Trailer	
Element 1: Operate the Trailer safely	
<p>Performance statements <i>You must be able to:</i></p> <ol style="list-style-type: none"> a. Work safely at all times, complying with health and safety and other relevant regulations and guidelines. b. Confirm that the host machine can operate with the Trailer attachment considering the hydraulic pressures to be displayed on both the host machine and the trailer. c. Confirm that the Trailer is approved for the activities to be carried out. d. Identify through visual inspection any defects with the Trailer attachment prior to use. e. Safely and correctly place the trailer on the Track. f. Operate the brakes (application and release) following disconnection of the trailer brake pipe and tow bar to/from the host machine. g. Confirm the braking capacity of the host machine when towing the trailer. h. Identify & report any instances where the required specification cannot be fully met or where there are identified defects. i. Safely and correctly detach the Trailer from the host machine when work is completed, storing the Trailer in a suitable and safe manner in accordance with instructions. 	<p>Knowledge statements <i>You must have knowledge and understanding of:</i></p> <ol style="list-style-type: none"> 1. Types of hazards and defects associated with the operation of the Trailer. 2. The effect of loose broken or missing components on the Trailer. 3. Actions to be taken when defects are discovered with the trailer attachment or where sideboards or corner posts cannot be securely latched before use. 4. Approved methods for On/Off tracking a machine to be used with a trailer. 5. Requirements for pull test prior to releasing lifting chains from the trailer. 6. Method for checking the brakes following disconnection of the trailer brake pipe and tow bar to/from the host machine. 7. Methods of confirming compatibility of the trailer with the host machine, using the hydraulic pressure display(s). 8. The conditions under which braking distance may require to be extended, including reasons for the extension i.e. gradients, wet or oily rails 9. How to recognise when the work required exceeds the limits of the operator competence. 10. Safe loading of the trailer
<p>Scope of Competence</p> <ol style="list-style-type: none"> 1. Visual inspection includes checks for: <ul style="list-style-type: none"> • Lights • Brakes • Sideboards • Corner posts • Missing, loose or broken components 	<p>Performance Evidence Requirements</p> <p>Performance evidence for initial assessment must be collected through differing types of workplace evidence and may include direct observation, witness testimony, completed reports of work checks, knowledge testing or a combination of the above for the person completing all relevant procedures in respect of performance statements: a, b, c, e, f, g and i.</p> <p>Performance statements 'd and h' may be assessed by using a range of assessment methods including witness testimony, documented questioning or evidence from training.</p> <p>Performance evidence for recertification assessment may be collected through differing types of workplace evidence and may include direct observation, witness testimony, completed reports of work checks, knowledge testing or a combination of the above.</p>

OTPA_05: Operate Attachment Ballast Brush	
Element 1: Operate the Ballast Brush attachment safely	
<p>Performance statements <i>You must be able to:</i></p> <ol style="list-style-type: none"> Work safely at all times, complying with health and safety and other relevant regulations and guidelines. Confirm that the host machine can operate the Ballast brush attachment Confirm that the Ballast brush is approved for the activities to be carried out. Identify any defects with the Ballast brush attachment prior to use. Safely carry out work Ballast brushing activities, including On/Off tracking, to the required specification in the correct sequence and in an agreed time scale in accordance with agreed instructions. Identify & report any instances where the required specification cannot be fully met or where there are identified defects. Check that the brakes are applied when on-tracking or detaching the ballast brush. Safely and correctly detach the Ballast brush from the host machine when work is completed, storing the Ballast brush in a suitable and safe manner in accordance with instructions. 	<p>Knowledge statements <i>You must have knowledge and understanding of:</i></p> <ol style="list-style-type: none"> Types of hazards and defects associated with the operation of the Ballast brush. Work procedures and associated hazards whilst operating On Track Plant using the Ballast brush attachment including: <ol style="list-style-type: none"> Adjacent lines, where open to traffic On/Off tracking with Ballast Brush attached Where fluorescent paint is marked on the ballast in the four foot or sleeper ends. Discovering cables or other obstructions including S&T equipment in the four foot or on the sleeper ends. How to check the brakes are applied when on-tracking or detaching the ballast brush The effect of loose broken or missing components on the ballast brushing operation. Exclusion zone limits out-with which ground personnel are to remain whilst ballast brushing, action to take when someone enters the exclusion zone, and procedures to follow when permitting personnel to enter the exclusion zone. How to recognise when the work required exceeds the limits of the operator competence.
<p>Scope of Competence</p> <ol style="list-style-type: none"> Ballast brushing activities include actions to be taken in the following instances: <ul style="list-style-type: none"> When a fault is discovered with the Ballast Brush. When ballast in the four foot or sleeper ends is marked with fluorescent paint. Where there is excessive ballast i.e. to rail level. 	<p>Performance Evidence Requirements</p> <p>Performance evidence for initial assessment must be collected through differing types of workplace evidence and may include direct observation, witness testimony, completed reports of work checks, knowledge testing or a combination of the above for the person completing all relevant procedures in respect of performance statements: a, b, c, d, e, g and h.</p> <p>Performance statement 'f' may be assessed by using a range of assessment methods including witness testimony, documented questioning or evidence from training.</p> <p>Performance evidence for recertification assessment may be collected through differing types of workplace evidence and may include direct observation, witness testimony, completed reports of work checks, knowledge testing or a combination of the above for the person completing all relevant operating procedures.</p>

OTPA_06: Operate Attachment Ballast Plough

Element 1: Operate the Ballast Plough attachment safely

Performance statements

You must be able to:

- a. Work safely at all times, complying with health and safety and other relevant regulations and guidelines.
- b. Confirm that the host machine can operate the Ballast brush attachment
- c. Confirm that the Ballast brush is approved for the activities to be carried out.
- d. Identify any defects with the Ballast brush attachment prior to use.
- e. Safely carry out work Ballast brushing activities, including On/Off tracking, to the required specification in the correct sequence and in an agreed time scale in accordance with agreed instructions.
- f. Identify & report any instances where the required specification cannot be fully met or where there are identified defects.
- g. Check that the brakes are applied when on-tracking or detaching the ballast brush.
- h. Safely and correctly detach the Ballast brush from the host machine when work is completed, storing the Ballast brush in a suitable and safe manner in accordance with instructions.

Knowledge statements

You must have knowledge and understanding of:

1. Types of hazards and defects associated with the operation of the Ballast plough.
2. Work procedures & associated hazards whilst operating the Ballast Plough, including:
 - a. Adjacent lines, where open to traffic
 - b. On/Off tracking with Ballast Brush attached
 - c. Where fluorescent paint is marked on the ballast in the four foot or sleeper ends.
 - d. Discovering cables or other obstructions including S&T equipment in the four foot or on the sleeper ends.
 - e. That the plough is set to the 'track profile'
 - f. How to check the brakes are applied when on-tracking or detaching the ballast brush
3. The effect of loose broken or missing components on the ballast brushing operation.
4. Exclusion zone limits out-with which ground personnel are to remain whilst ballast brushing, action to take when someone enters the exclusion zone, and procedures to follow when permitting personnel to enter the exclusion zone.
5. How to recognise when the work required exceeds the limits of the operator competence.

Scope of Competence

1. Ballast brushing activities include actions to be taken in the following instances:
 - When a fault is discovered with the Ballast Brush.
 - When ballast in the four foot or sleeper ends is marked with fluorescent paint.
 - Where there is excessive ballast i.e. to rail level.

Performance Evidence Requirements

Performance evidence for initial assessment must be collected through differing types of workplace evidence and may include direct observation, witness testimony, completed reports of work checks, knowledge testing or a combination of the above for the person completing all relevant procedures in respect of performance statements: a, b, c, d, e, g and h.

Performance statement 'f' may be assessed by using a range of assessment methods including witness testimony, documented questioning or evidence from training.

Performance evidence for recertification assessment may be collected through differing types of workplace evidence and may include direct observation, witness testimony, completed reports of work checks, knowledge testing or a combination of the above for the person completing all relevant operating procedures.

OTPA_07: Operate Attachment Ballast Regulator	
Element 1: Operate the Regulator attachment safely	
<p>Performance statements <i>You must be able to:</i></p> <ol style="list-style-type: none"> Work safely at all times, complying with health and safety and other relevant regulations and guidelines. Confirm that the host machine can operate the Regulator attachment Confirm that the Regulator is approved for the activities to be carried out. Identify any defects with the Regulator attachment prior to use such as loose or missing components i.e. rubber skirting or guard. Confirm the method to be adopted in clearing obstructions from the Regulator and/or carrying out maintenance checks. Implement and maintain exclusion zones for ground personnel in the vicinity of the Regulator operation. Safely carry out Regulator activities to the required specification in the correct sequence and in an agreed time scale in accordance with agreed instructions. Identify & report any instances where the required specification cannot be fully met or where there are identified defects. Safely and correctly detach the Regulator from the host machine when work is completed, storing the Regulator in a suitable and safe manner in accordance with instructions. 	<p>Knowledge statements <i>You must have knowledge and understanding of:</i></p> <ol style="list-style-type: none"> Types of hazards and defects associated with the operation of the Regulator. Work procedures and hazards associated with adjacent lines, where open to traffic whilst operating On Track Plant using the Regulator attachment. The effect of loose broken or missing components on the Regulator operation such as the Regulator tip. Exclusion zone limits out-with which ground personnel are to remain whilst Regulating, action to take when someone enters the exclusion zone, and procedures to follow when permitting personnel to enter the exclusion zone. How to make a second pass of the work area including safety precautions to be taken prior to travelling back. How to recognise when the work required exceeds the limits of the operator competence.
<p>Scope of Competence</p> <ol style="list-style-type: none"> Regulator activities include actions to be taken in the following instances: <ul style="list-style-type: none"> Regulator adjacent to or near an over-bridge (under-which is a road or footpath) When an obstruction such as wire / cable etc becomes entangled in the regulator. 	<p>Performance Evidence Requirements</p> <p>Performance evidence for initial assessment must be collected through differing types of workplace evidence and may include direct observation, witness testimony, completed reports of work checks, knowledge testing or a combination of the above for the person completing all relevant procedures in respect of performance statements: a, b, c, d, f, g and i.</p> <p>Performance statements 'e and h' may be assessed by using a range of assessment methods including witness testimony, documented questioning or evidence from training.</p> <p>Performance evidence for recertification assessment may be collected through differing types of workplace evidence and may include direct observation, witness testimony, completed reports of work checks, knowledge testing or a combination of the above for the person completing all relevant operating procedures.</p>

OTPA_08: Operator Attachment Chipper	
Element 1: Operate the Chipper attachment safely	
<p>Performance statements <i>You must be able to:</i></p> <ol style="list-style-type: none"> a. Work safely at all times, complying with health and safety and other relevant regulations and guidelines. b. Confirm that the host machine can operate the Chipper attachment c. Confirm that the Chipper is approved for the activities to be carried out. d. Identify any defects with the Chipper attachment prior to use such as loose or missing components i.e. rubber skirting or guard. e. Confirm the method to be adopted in clearing obstructions from the Chipper and/or carrying out maintenance checks. f. Implement and maintain exclusion zones for ground personnel in the vicinity of the Chipping operation. g. Safely operate the Chipper to the required specification in the correct sequence and in an agreed time scale in accordance with agreed instructions. h. Identify & report any instances where the required specification cannot be fully met or where there are identified defects. i. Safely and correctly detach the Chipper from the host machine when work is completed, storing the Chipper in a suitable and safe manner in accordance with instructions. 	<p>Knowledge statements <i>You must have knowledge and understanding of:</i></p> <ol style="list-style-type: none"> 1. Types of hazards and defects associated with the operation of the Chipper. 2. Work procedures and hazards associated with adjacent lines, where open to traffic whilst operating On Track Plant using the Chipper attachment. 3. The effect of loose, broken, worn or missing components on the Chipping operation such as safety guards. 4. Exclusion zone limits out-with which ground personnel are to remain whilst the Chipper is in operation, action to take when someone enters the exclusion zone, and procedures to follow when permitting personnel to enter the exclusion zone. 5. How to recognise when the work required exceeds the limits of the operator competence.
<p>Scope of Competence</p> <ol style="list-style-type: none"> 1. Chipping activities include actions to be taken in the following instances: <ul style="list-style-type: none"> • An obstruction becomes entangled in the Chipper • Use safely within the limits of operation 	<p>Performance Evidence Requirements</p> <p>Performance evidence for initial assessment must be collected through differing types of workplace evidence and may include direct observation, witness testimony, completed reports of work checks, knowledge testing or a combination of the above for the person completing all relevant procedures in respect of performance statements: a, b, c, d, f, g and i.</p> <p>Performance statements 'e and h' may be assessed by using a range of assessment methods including witness testimony, documented questioning or evidence from training.</p> <p>Performance evidence for recertification assessment may be collected through differing types of workplace evidence and may include direct observation, witness testimony, completed reports of work checks, knowledge testing or a combination of the above for the person completing all relevant operating procedures.</p>

OTPA_09: Operate Attachment Clamshell Bucket	
Element 1: Operate the Clamshell Bucket attachment safely	
<p>Performance statements <i>You must be able to:</i></p> <ol style="list-style-type: none"> a. Work safely at all times, complying with health and safety and other relevant regulations and guidelines. b. Confirm that the host machine can operate the Clamshell Bucket attachment c. Confirm that the Clamshell Bucket is approved for the activities to be carried out. d. Identify any defects with the Clamshell Bucket attachment prior to use such as loose or missing components i.e. rubber skirting or guard. e. Confirm the method to be adopted in clearing obstructions from the Clamshell Bucket and/or carrying out maintenance checks. f. Implement and maintain exclusion zones for ground personnel in the vicinity of the operation. g. Safely carry out activities with the Clamshell Bucket to the required specification in the correct sequence and in an agreed time scale in accordance with agreed instructions. h. Identify & report any instances where the required specification cannot be fully met or where there are identified defects. i. Safely and correctly detach the Clamshell Bucket from the host machine when work is completed, storing the Clamshell Bucket in a suitable and safe manner in accordance with instructions. 	<p>Knowledge statements <i>You must have knowledge and understanding of:</i></p> <ol style="list-style-type: none"> 1. Types of hazards and defects associated with the operation of the Clamshell Bucket. 2. Work procedures and hazards associated with adjacent lines, where open to traffic whilst operating On Track Plant using the Clamshell Bucket attachment. 3. The effect of loose broken or missing components on the operation of the Clamshell Bucket. 4. Exclusion zone limits out-with which ground personnel are to remain whilst Clamshell Bucketing, action to take when someone enters the exclusion zone, and procedures to follow when permitting personnel to enter the exclusion zone. 5. How to recognise when the work required exceeds the limits of the operator competence.
<p>Scope of Competence</p> <ol style="list-style-type: none"> 1. Clamshell Bucket activities include actions to be taken in the following instances: <ul style="list-style-type: none"> • Clamshell Bucket adjacent to or near an over-bridge (under-which is a road or footpath) • Use safely within limits of operation 	<p>Performance Evidence Requirements</p> <p>Performance evidence for initial assessment must be collected through differing types of workplace evidence and may include direct observation, witness testimony, completed reports of work checks, knowledge testing or a combination of the above for the person completing all relevant procedures in respect of performance statements: a, b, c, d, f, g and i.</p> <p>Performance statements 'e and h' may be assessed by using a range of assessment methods including witness testimony, documented questioning or evidence from training.</p> <p>Performance evidence for recertification assessment may be collected through differing types of workplace evidence and may include direct observation, witness testimony, completed reports of work checks, knowledge testing or a combination of the above for the person completing all relevant operating procedures.</p>

OTPA_10: Operate Attachment Fast Clipper	
Element 1: Operate the Fast Clipper attachment safely	
<p>Performance statements <i>You must be able to:</i></p> <ul style="list-style-type: none"> a. Work safely at all times, complying with health and safety and other relevant regulations and guidelines. b. Confirm that the host machine can operate the Fast Clipper attachment c. Confirm that the Fast Clipper is approved for the activities to be carried out. d. Identify any defects with the Fast Clipper attachment prior to use such as loose or missing components or safety devices. e. Confirm the method to be adopted in clearing obstructions from the Fast Clipper and/or carrying out maintenance checks. f. Implement and maintain exclusion zones for ground personnel in the vicinity of the Fast Clipper when in operation. g. Safely carry out activities with the Fast Clipper to the required specification in the correct sequence and in an agreed time scale in accordance with agreed instructions. h. Identify & report any instances where the required specification cannot be fully met or where there are identified defects. i. Safely and correctly detach the Fast Clipper from the host machine when work is completed, storing the Fast Clipper in a suitable and safe manner in accordance with instructions. 	<p>Knowledge statements <i>You must have knowledge and understanding of:</i></p> <ul style="list-style-type: none"> 1. Types of hazards and defects associated with the operation of the Fast Clipper. 2. Work procedures and hazards associated with adjacent lines, where open to traffic whilst operating On Track Plant using the Fast Clipper attachment. 3. The effect of loose broken or missing components on the Fast Clipper. 4. Exclusion zone limits out-with which ground personnel are to remain whilst the Fast Clipper is in operation, action to take when someone enters the exclusion zone, and procedures to follow when permitting personnel to enter the exclusion zone. 5. How to recognise when the work required exceeds the limits of the operator competence.
	<p>Performance Evidence Requirements</p> <p>Performance evidence for initial assessment must be collected through differing types of workplace evidence and may include direct observation, witness testimony, completed reports of work checks, knowledge testing or a combination of the above for the person completing all relevant procedures in respect of performance statements: a, b, c, d, f, g and i.</p> <p>Performance statements 'e and h' may be assessed by using a range of assessment methods including witness testimony, documented questioning or evidence from training.</p> <p>Performance evidence for recertification assessment may be collected through differing types of workplace evidence and may include direct observation, witness testimony, completed reports of work checks, knowledge testing or a combination of the above for the person completing all relevant operating procedures.</p>

OTPA_11: Operate Attachment Flail (Brush Cutter)	
Element 1: Operate the Flail attachment safely	
<p>Performance statements <i>You must be able to:</i></p> <ol style="list-style-type: none"> Work safely at all times, complying with health and safety and other relevant regulations and guidelines. Confirm that the host machine can operate the Flail attachment Confirm that the Flail is approved for the activities to be carried out. Identify any defects with the Flail attachment prior to use such as loose or missing components i.e. rubber skirting or guard. Confirm the method to be adopted in clearing obstructions from the flail and/or carrying out maintenance checks. Implement and maintain exclusion zones for ground personnel in the vicinity of the flailing operation. Safely carry out flailing activities to the required specification in the correct sequence and in an agreed time scale in accordance with agreed instructions. Identify & report any instances where the required specification cannot be fully met or where there are identified defects. Safely and correctly detach the Flail from the host machine when work is completed, storing the Flail in a suitable and safe manner in accordance with instructions. 	<p>Knowledge statements <i>You must have knowledge and understanding of:</i></p> <ol style="list-style-type: none"> Types of hazards and defects associated with the operation of the Flail. Work procedures and hazards associated with adjacent lines, where open to traffic whilst operating On Track Plant using the Flail attachment. The effect of loose broken or missing components on the flailing operation such as the flail tip. Reasons for cutting at right angles to the machine. Exclusion zone limits out-with which ground personnel are to remain whilst flailing, action to take when someone enters the exclusion zone, and procedures to follow when permitting personnel to enter the exclusion zone. How to make a second pass of the flailing area including safety precautions to be taken prior to travelling back. How to recognise when the work required exceeds the limits of the operator competence.
<p>Scope of Competence</p> <ol style="list-style-type: none"> Flailing activities include cutting with the flail at right angles to the machine where possible and actions to be taken in the following instances: <ul style="list-style-type: none"> Flail adjacent to or near an over-bridge (under-which is a road or footpath) When wire / cable etc becomes entangled around the rotary shaft. An obstruction becomes entangled in the flail, and shaft continues to rotate. 	<p>Performance Evidence Requirements</p> <p>Performance evidence for initial assessment must be collected through differing types of workplace evidence and may include direct observation, witness testimony, completed reports of work checks, knowledge testing or a combination of the above for the person completing all relevant procedures in respect of performance statements: a, b, c, d, f, g and i.</p> <p>Performance statements 'e and h' may be assessed by using a range of assessment methods including witness testimony, documented questioning or evidence from training.</p> <p>Performance evidence for recertification assessment may be collected through differing types of workplace evidence and may include direct observation, witness testimony, completed reports of work checks, knowledge testing or a combination of the above for the person completing all relevant operating procedures.</p>

OTPA_12: Operate Attachment Flash-Butt Welder

Element 1: Operate the Flash-butt Welder attachment safely

Performance statements

You must be able to:

- a. Work safely at all times, complying with health and safety and other relevant regulations and guidelines.
- b. Confirm that the host machine can operate the Flash-butt Welder attachment
- c. Confirm that the Flash-butt Welder is approved for the activities to be carried out.
- d. Identify any defects with the Flash-butt Welder attachment prior to use such as loose or missing components i.e. rubber skirting or guard.
- e. Confirm the method to be adopted in clearing obstructions from the Flash-butt Welder and/or carrying out maintenance checks.
- f. Implement and maintain exclusion zones for ground personnel in the vicinity of the Flash Butt Welding operation.
- g. Safely carry out Flash Butt Welding activities to the required specification in the correct sequence and in an agreed time scale in accordance with agreed instructions.
- h. Identify & report any instances where the required specification cannot be fully met or where there are identified defects.
- i. Safely and correctly detach the Flash-butt Welder from the host machine when work is completed, storing the Flash-butt Welder in a suitable and safe manner in accordance with instructions.

Knowledge statements

You must have knowledge and understanding of:

1. Types of hazards and defects associated with the operation of the Flash-butt Welder.
2. Work procedures and hazards associated with adjacent lines, where open to traffic whilst operating On Track Plant using the Flash-butt Welder attachment.
3. The effect of loose broken or missing components on the Flash-butt Welder operation.
4. Exclusion zone limits out-with which ground personnel are to remain whilst the Flash-butt Welder is in operation, action to take when someone enters the exclusion zone, and procedures to follow when permitting personnel to enter the exclusion zone.
5. How to recognise when the work required exceeds the limits of the operator competence.

Performance Evidence Requirements

Performance evidence for initial assessment must be collected through differing types of workplace evidence and may include direct observation, witness testimony, completed reports of work checks, knowledge testing or a combination of the above for the person completing all relevant procedures in respect of performance statements: a, b, c, d, f, g and i.

Performance statements 'e and h' may be assessed by using a range of assessment methods including witness testimony, documented questioning or evidence from training.

Performance evidence for recertification assessment may be collected through differing types of workplace evidence and may include direct observation, witness testimony, completed reports of work checks, knowledge testing or a combination of the above for the person completing all relevant operating procedures.

OTPA_13 Operate Attachment Hydraulic Rail Beam	
Element 1: Operate the Hydraulic Beam attachment safely	
<p>Performance statements <i>You must be able to:</i></p> <ol style="list-style-type: none"> a. Work safely at all times, complying with health and safety and other relevant regulations and guidelines. b. Confirm that the host machine can operate the Hydraulic Beam attachment c. Confirm that the Hydraulic Beam is approved for the activities to be carried out. d. Identify any defects with the Hydraulic Beam attachment prior to use. e. Safely carry out work activities to the required specification in the correct sequence and in an agreed time scale in accordance with agreed instructions. f. Identify & report any instances where the required specification cannot be fully met or where there are identified defects. g. Safely and correctly detach the Hydraulic Beam from the host machine when work is completed, storing the Hydraulic Beam in a suitable and safe manner in accordance with instructions. 	<p>Knowledge statements <i>You must have knowledge and understanding of:</i></p> <ol style="list-style-type: none"> 1. Types of hazards and defects associated with the operation of the Hydraulic Beam. 2. The effect of loose broken or missing components and action to be taken if a fault was discovered with the Hydraulic Beam. 3. The maximum length of rail to be handled using the Hydraulic Beam. 4. Special precautions to be taken and hazards associated with turning a rail using the hydraulic rail beam. 5. Why it is critical to confirm an even distribution of weight during the lifting operation. 6. Safe working procedures to be followed to allow the grabs to be opened, considering the safety interlock. 7. How to recognise when the work required exceeds the limits of the operator competence.
<p>Scope of Competence</p> <ol style="list-style-type: none"> 1. Relevant regulations include the six months statutory inspection of the Hydraulic Beam. 	<p>Performance Evidence Requirements</p> <p>Performance evidence for initial assessment must be collected through differing types of workplace evidence and may include direct observation, witness testimony, completed reports of work checks, knowledge testing or a combination of the above for the person completing all relevant procedures in respect of performance statements: a, b, c, e and g.</p> <p>Performance statements 'd and f' may be assessed by using a range of assessment methods including witness testimony, documented questioning or evidence from training.</p> <p>Performance evidence for recertification assessment may be collected through differing types of workplace evidence and may include direct observation, witness testimony, completed reports of work checks, knowledge testing or a combination of the above for the person completing all relevant operating procedures.</p>

OTPA_14: Operate Attachment Hydraulic Grab	
Element 1: Operate the Hydraulic Grab attachment safely	
<p>Performance statements <i>You must be able to:</i></p> <ul style="list-style-type: none"> a. Work safely at all times, complying with health and safety and other relevant regulations and guidelines. b. Confirm that the host machine can operate the Hydraulic Grab attachment c. Confirm that the Hydraulic Grab is approved for the activities to be carried out. d. Identify any defects with the Hydraulic Grab attachment prior to use. e. Implement and maintain exclusion zones for ground personnel in the vicinity of the work. f. Safely carry out work activities to the required specification in the correct sequence and in an agreed time scale in accordance with agreed instructions. g. Identify & report any instances where the required specification cannot be fully met or where there are identified defects. h. Safely and correctly detach the Hydraulic Grab from the host machine when work is completed, storing the Hydraulic Grab in a suitable and safe manner in accordance with instructions. 	<p>Knowledge statements <i>You must have knowledge and understanding of:</i></p> <ul style="list-style-type: none"> 1. Types of hazards and defects associated with the operation of the Hydraulic Grab. 2. Work procedures and hazards associated with adjacent lines, where open to traffic whilst operating On Track Plant using the Hydraulic Grab attachment. 3. The effect of loose broken or missing components on the Hydraulic Grab. 4. Exclusion zone limits out-with which ground personnel are to remain whilst working using the Hydraulic Grab, action to take when someone enters the exclusion zone, and procedures to follow when permitting personnel to enter the exclusion zone. 5. Special precautions to be taken when slewing a machine fitted with a hydraulic grab. 6. How to recognise when the work required exceeds the limits of the operator competence.
	<p>Performance Evidence Requirements</p> <p>Performance evidence for initial assessment must be collected through differing types of workplace evidence and may include direct observation, witness testimony, completed reports of work checks, knowledge testing or a combination of the above for the person completing all relevant procedures in respect of performance statements: a, b, c, f and h.</p> <p>Performance statements 'd, e and g' may be assessed by using a range of assessment methods including witness testimony, documented questioning or evidence from training.</p> <p>Performance evidence for recertification assessment may be collected through differing types of workplace evidence and may include direct observation, witness testimony, completed reports of work checks, knowledge testing or a combination of the above for the person completing all relevant operating procedures.</p>

OTPA_15: Operate Attachment Mixer	
Element 1: Operate the Mixer attachment safely	
<p>Performance statements <i>You must be able to:</i></p> <ol style="list-style-type: none"> a. Work safely at all times, complying with health and safety and other relevant regulations and guidelines. b. Confirm that the host machine can operate the Mixer attachment c. Confirm that the Mixer is approved for the activities to be carried out. d. Identify any defects with the Mixer attachment prior to use such as loose or missing components or safety devices. e. Confirm the method to be adopted in clearing obstructions from the Mixer and/or carrying out maintenance checks. f. Implement and maintain exclusion zones for ground personnel in the vicinity of the Mixing operation. g. Safely carry out Mixing activities to the required specification in the correct sequence and in an agreed time scale in accordance with agreed instructions. h. Identify & report any instances where the required specification cannot be fully met or where there are identified defects. i. Safely and correctly detach the Mixer from the host machine when work is completed, storing the Mixer in a suitable and safe manner in accordance with instructions. 	<p>Knowledge statements <i>You must have knowledge and understanding of:</i></p> <ol style="list-style-type: none"> 1. Types of hazards and defects associated with the operation of the Mixer. 2. Work procedures and hazards associated with adjacent lines, where open to traffic whilst operating On Track Plant using the Mixer attachment. 3. The effect of loose broken or missing components on the Mixer. 4. Exclusion zone limits out-with which ground personnel are to remain whilst the mixer is in operation, action to take when someone enters the exclusion zone, and procedures to follow when permitting personnel to enter the exclusion zone. 5. How to recognise when the work required exceeds the limits of the operator competence. <p>Performance Evidence Requirements</p> <p>Performance evidence for initial assessment must be collected through differing types of workplace evidence and may include direct observation, witness testimony, completed reports of work checks, knowledge testing or a combination of the above for the person completing all relevant procedures in respect of performance statements: a, b, c, d, f, g and i.</p> <p>Performance statements 'e and h' may be assessed by using a range of assessment methods including witness testimony, documented questioning or evidence from training.</p> <p>Performance evidence for recertification assessment may be collected through differing types of workplace evidence and may include direct observation, witness testimony, completed reports of work checks, knowledge testing or a combination of the above for the person completing all relevant operating procedures.</p>

OTPA_16: Operate Attachment Panel Lifting Beam	
Element 1: Operate the Panel Lifting Beam attachment safely	
<p>Performance statements <i>You must be able to:</i></p> <ul style="list-style-type: none"> a. Work safely at all times, complying with health and safety and other relevant regulations and guidelines. b. Confirm that the host machine can operate the Panel Lifting Beam attachment c. Confirm that the Panel Lifting Beam is approved for the activities to be carried out. d. Identify any defects with the Panel Lifting Beam attachment prior to use such as loose or missing components or safety devices. e. Confirm the method to be adopted in clearing obstructions from the Panel Lifting Beam and/or carrying out maintenance checks. f. Implement and maintain exclusion zones for ground personnel in the vicinity of the Panel Lifting Beaming operation. g. Safely carry out Panel Lifting Beaming activities to the required specification in the correct sequence and in an agreed time scale in accordance with agreed instructions. h. Use of Panel Lifting Beaming within the limits of operation e.g. maximum load i. Identify & report any instances where the required specification cannot be fully met or where there are identified defects. j. Safely and correctly detach the Panel Lifting Beam from the host machine when work is completed, storing the Panel Lifting Beam in a suitable and safe manner in accordance with instructions. 	<p>Knowledge statements <i>You must have knowledge and understanding of:</i></p> <ul style="list-style-type: none"> 1. Types of hazards and defects associated with the operation of the Panel Lifting Beam. 2. Work procedures and hazards associated with adjacent lines, where open to traffic whilst operating On Track Plant using the Panel Lifting Beam attachment. 3. The effect of loose broken or missing components, including lifting points, on the Panel Lifting Beam. 4. Exclusion zone limits out-with which ground personnel are to remain during the lifting operation, action to take when someone enters the exclusion zone, and procedures to follow when permitting personnel to enter the exclusion zone. 5. How to recognise when the work required exceeds the limits of the operator competence. <p>Performance Evidence Requirements</p> <p>Performance evidence for initial assessment must be collected through differing types of workplace evidence and may include direct observation, witness testimony, completed reports of work checks, knowledge testing or a combination of the above for the person completing all relevant procedures in respect of performance statements: a, b, c, d, f, g and i.</p> <p>Performance statements 'e and h' may be assessed by using a range of assessment methods including witness testimony, documented questioning or evidence from training.</p> <p>Performance evidence for recertification assessment may be collected through differing types of workplace evidence and may include direct observation, witness testimony, completed reports of work checks, knowledge testing or a combination of the above for the person completing all relevant operating procedures.</p>

OTPA_17: Operate Attachment Rail Cropper	
Element 1: Operate the Rail Cropper attachment safely	
<p>Performance statements <i>You must be able to:</i></p> <ol style="list-style-type: none"> Work safely at all times, complying with health and safety and other relevant regulations and guidelines. Confirm that the host machine can operate the Rail Cropper attachment Confirm that the Rail Cropper is approved for the activities to be carried out. Identify any defects with the Rail Cropper attachment prior to use. Implement and maintain exclusion zones for ground personnel in the vicinity of the work. Safely carry out work activities to the required specification in the correct sequence and in an agreed time scale in accordance with agreed instructions. Identify & report any instances where the required specification cannot be fully met or where there are identified defects. Safely and correctly detach the Rail Cropper from the host machine when work is completed, storing the Rail Cropper in a suitable and safe manner in accordance with instructions. 	<p>Knowledge statements <i>You must have knowledge and understanding of:</i></p> <ol style="list-style-type: none"> Types of hazards and defects associated with the operation of the Rail Cropper, and how to make safe for maintenance work. The effect of loose, worn, broken or missing components on the Rail Cropper. How often greasing of the Rail Cropper is required. How to make sure there is no pressure in the host machine when attaching the Rail Croppers hydraulic pipes. Correct methods of cutting rail including when adjacent to welds or action to follow if rail does not part when cropped. Types of rail which is permitted to be cut, differing sizes as well as old or new rail. Exclusion zone limits out-with which ground personnel are to remain whilst working using the Rail Cropper, Including Non-involved persons as well as Machine Controller. How to recognise when the work required exceeds the limits of the operator competence.
<p>Scope of Competence</p> <ol style="list-style-type: none"> Identify defects with the Rail Cropper includes making the rail cropper safe prior to maintenance work required and checks on/for: <ul style="list-style-type: none"> Hydraulic hoses and couplings for leaks, blisters and tightness Nuts, bolts and retaining clips fitted and secure Guards in place and secure Cracks or defects which may affect safe operation Blades correctly fitted to correct torque or worn Warning signs in place Work activities includes: <ul style="list-style-type: none"> Positioning material into the rail cropper jaws as far as possible Cutting rail at ground level Cutting rail adjacent to a weld 	<p>Performance Evidence Requirements</p> <p>Performance evidence for initial assessment must be collected through differing types of workplace evidence and may include direct observation, witness testimony, completed reports of work checks, knowledge testing or a combination of the above for the person completing all relevant procedures in respect of performance statements: a, b, c, f and h.</p> <p>Performance statements 'd, e and g' may be assessed by using a range of assessment methods including witness testimony, documented questioning or evidence from training.</p> <p>Performance evidence for recertification assessment may be collected through differing types of workplace evidence and may include direct observation, witness testimony, completed reports of work checks, knowledge testing or a combination of the above for the person completing all relevant operating procedures.</p>

OTPA_18: Operate Attachment Hydraulic Sleeper Placer	
Element 1: Operate the Sleeper Placer attachment safely	
<p>Performance statements <i>You must be able to:</i></p> <ul style="list-style-type: none"> a. Work safely at all times, complying with health and safety and other relevant regulations and guidelines. b. Confirm that the host machine can operate the Sleeper Placer attachment c. Confirm that the Sleeper Placer is approved for the activities to be carried out. d. Identify any defects with the Sleeper Placer attachment prior to use such as loose or missing components including safety devices. e. Confirm the method to be adopted in clearing obstructions from the Sleeper Placer and/or carrying out maintenance checks. f. Implement and maintain exclusion zones for ground personnel in the vicinity of the Sleeper Placer operation. g. Safely carry out Sleeper Placer activities to the required specification in the correct sequence and in an agreed time scale in accordance with agreed instructions. h. Use Sleeper Placer within the limits of operation i. Identify & report any instances where the required specification cannot be fully met or where there are identified defects. j. Safely and correctly detach the Sleeper Placer from the host machine when work is completed, storing the Sleeper Placer in a suitable and safe manner in accordance with instructions. 	<p>Knowledge statements <i>You must have knowledge and understanding of:</i></p> <ul style="list-style-type: none"> 1. Types of hazards and defects associated with the operation of the Sleeper Placer. 2. Work procedures and hazards associated with adjacent lines, where open to traffic whilst operating On Track Plant using the Sleeper Placer attachment. 3. The effect of loose broken or missing components on the Sleeper Placer operation. 4. Exclusion zone limits out-with which ground personnel are to remain whilst the Sleeper Placer is in operation, action to take when someone enters the exclusion zone, and procedures to follow when permitting personnel to enter the exclusion zone. 5. How to recognise when the work required exceeds the limits of the operator competence. <p>Performance Evidence Requirements</p> <p>Performance evidence for initial assessment must be collected through differing types of workplace evidence and may include direct observation, witness testimony, completed reports of work checks, knowledge testing or a combination of the above for the person completing all relevant procedures in respect of performance statements: a, b, c, d, f, g and i.</p> <p>Performance statements 'e and h' may be assessed by using a range of assessment methods including witness testimony, documented questioning or evidence from training.</p> <p>Performance evidence for recertification assessment may be collected through differing types of workplace evidence and may include direct observation, witness testimony, completed reports of work checks, knowledge testing or a combination of the above for the person completing all relevant operating procedures.</p>

OTPA_19: Operate Attachment Tamper	
Element 1: Operate the Tamper attachment safely	
<p>Performance statements <i>You must be able to:</i></p> <ol style="list-style-type: none"> a. Work safely at all times, complying with health and safety and other relevant regulations and guidelines. b. Confirm that the host machine can operate the Tamper attachment c. Confirm that the Tamper is approved for the activities to be carried out. d. Identify any defects with the Tamper attachment prior to use. e. Safely carry out work activities to the required specification in the correct sequence and in an agreed time scale in accordance with agreed instructions. f. Identify & report any instances where the required specification cannot be fully met or where there are identified defects. g. Safely and correctly On/Off track the machine to be used for tamping operations. h. Safely and correctly detach the Tamper from the host machine when work is completed, storing the Tamper in a suitable and safe manner in accordance with instructions. 	<p>Knowledge statements <i>You must have knowledge and understanding of:</i></p> <ol style="list-style-type: none"> 1. Types of hazards and defects associated with the operation of the Tamping unit, and how to make safe for maintenance work. 2. The effect of loose, worn, broken or missing components on the Tamping unit. 3. How to make sure there is no pressure in the host machine when attaching the hydraulic pipes to the tamping unit. 4. Possible effects of attaching hoses to incorrect source(s). 5. Exclusion zone limits out-with which ground personnel are to remain whilst testing or working using the tamping unit. 6. How to lead into an area identified for tamping. 7. What is meant by double tamping 8. Why the tines need to clear the bottom of the sleeper during tamping operations. 9. Personnel who would confirm number of times ballast is to be squeezed up 10. How to recognise when the work required exceeds the limits of the operator competence.
<p>Scope of Competence</p> <ol style="list-style-type: none"> 1. Identify defects with the Tamper includes making the Tamper safe prior to maintenance work required and checks on/for: <ul style="list-style-type: none"> • Hydraulic hoses and couplings for leaks, blisters and tightness • Nuts, bolts and retaining clips fitted and secure • Guards in place and secure • Warning signs in place 2. Work activities includes: <ul style="list-style-type: none"> • Testing the tamping unit, and warning personnel prior to the test. • Commencing tamping activities leading into an area identified for tamping. • Identifying number of times ballast is to be squeezed up. 	<p>Performance Evidence Requirements</p> <p>Performance evidence for initial assessment must be collected through differing types of workplace evidence and may include direct observation, witness testimony, completed reports of work checks, knowledge testing or a combination of the above for the person completing all relevant procedures in respect of performance statements: a, b, c, e and h.</p> <p>Performance statements 'd, f and g' may be assessed by using a range of assessment methods including witness testimony, documented questioning or evidence from training.</p> <p>Performance evidence for recertification assessment may be collected through differing types of workplace evidence and may include direct observation, witness testimony, completed reports of work checks, knowledge testing or a combination of the above for the person completing all relevant operating procedures.</p>

OTPA 20: Operate Attachment Tanker / Jetter	
Element 1: Operate the Tanker / Jetter attachment safely	
<p>Performance statements <i>You must be able to:</i></p> <ol style="list-style-type: none"> a. Work safely at all times, complying with health and safety and other relevant regulations and guidelines. b. Confirm that the host machine can operate the Tanker / Jetter attachment c. Confirm that the Tanker / Jetter is approved for the activities to be carried out. d. Identify any defects with the Tanker / Jetter attachment prior to use such as loose or missing components including safety devices. e. Confirm the method to be adopted in clearing obstructions from the Tanker / Jetter and/or carrying out maintenance checks. f. Implement and maintain exclusion zones for ground personnel in the vicinity of the Tanker / Jettering operation. g. Safely carry out Tanker / Jetter activities to the required specification in the correct sequence and in an agreed time scale in accordance with agreed instructions. h. Identify & report any instances where the required specification cannot be fully met or where there are identified defects. i. Safely and correctly detach the Tanker / Jetter from the host machine when work is completed, storing the Tanker / Jetter in a suitable and safe manner in accordance with instructions. 	<p>Knowledge statements <i>You must have knowledge and understanding of:</i></p> <ol style="list-style-type: none"> 1. Types of hazards and defects associated with the operation of the Tanker / Jetter. 2. Work procedures and hazards associated with adjacent lines, where open to traffic whilst operating On Track Plant using the Tanker / Jetter attachment. 3. The effect of loose broken or missing components on the operation of the Tanker / Jetter. 4. Exclusion zone limits out-with which ground personnel are to remain whilst the Tanker / Jetter is in operation, action to take when someone enters the exclusion zone, and procedures to follow when permitting personnel to enter the exclusion zone. 5. How to recognise when the work required exceeds the limits of the operator competence. <p>Performance Evidence Requirements</p> <p>Performance evidence for initial assessment must be collected through differing types of workplace evidence and may include direct observation, witness testimony, completed reports of work checks, knowledge testing or a combination of the above for the person completing all relevant procedures in respect of performance statements: a, b, c, d, f, g and i.</p> <p>Performance statements 'e and h' may be assessed by using a range of assessment methods including witness testimony, documented questioning or evidence from training.</p> <p>Performance evidence for recertification assessment may be collected through differing types of workplace evidence and may include direct observation, witness testimony, completed reports of work checks, knowledge testing or a combination of the above for the person completing all relevant operating procedures.</p>

OTPA 21: Operate Attachment Thimble	
Element 1: Operate the Thimble attachment safely	
<p>Performance statements <i>You must be able to:</i></p> <ul style="list-style-type: none"> a. Work safely at all times, complying with health and safety and other relevant regulations and guidelines. b. Confirm that the host machine can operate the Thimble attachment c. Confirm that the Thimble is approved for the activities to be carried out. d. Safely carry out Thimbling activities to the required specification in the correct sequence and in an agreed time scale in accordance with agreed instructions. e. Identify & report any instances where the required specification cannot be fully met or where there are identified defects. f. Safely and correctly detach the Thimble from the host machine when work is completed, storing the Thimble in a suitable and safe manner in accordance with instructions. 	<p>Knowledge statements <i>You must have knowledge and understanding of:</i></p> <ul style="list-style-type: none"> 1. Types of hazards and defects associated with the operation of the Thimble. 2. Work procedures and hazards associated with adjacent lines, where open to traffic whilst operating On Track Plant using the Thimble attachment. 3. Requirements and reasons why rail is to be kept as low as possible with minimum bend during thimbling. 4. How to prevent 'end-whip' 5. Identification marks on the rail 6. Load to be displayed on the load hook indicator during thimbling, and reasons why this might be exceeded. 7. How to Thimble with an obstruction such as a weld or pads on the rail. 8. Exclusion zone limits out-with which ground personnel are to remain whilst thimbling or from the rail end when thimble approaches 9. How to recognise when the work required exceeds the limits of the operator competence. <p>Performance Evidence Requirements</p> <p>Performance evidence for initial assessment must be collected through differing types of workplace evidence and may include direct observation, witness testimony, completed reports of work checks, knowledge testing or a combination of the above for the person completing all relevant procedures in respect of performance statements: a,b,c, d and f.</p> <p>Performance statement 'e' may be assessed by using a range of assessment methods including witness testimony, documented questioning or evidence from training.</p> <p>Performance evidence for recertification assessment may be collected through differing types of workplace evidence and may include direct observation, witness testimony, completed reports of work checks, knowledge testing or a combination of the above for the person completing all relevant operating procedures.</p>

OTPA 23: Operate Attachment Vacuum Lifter	
Element 1: Operate the Vacuum Lifter attachment safely	
<p>Performance statements <i>You must be able to:</i></p> <ol style="list-style-type: none"> Work safely at all times, complying with health and safety and other relevant regulations and guidelines. Confirm that the host machine can operate the Vacuum Lifter attachment Confirm that the Vacuum Lifter is approved for the activities to be carried out. Identify any defects with the Vacuum Lifter attachment prior to use such as loose or missing components i.e. rubber skirting or guard. Confirm the method to be adopted in clearing obstructions from the Vacuum Lifter and/or carrying out maintenance checks. Implement and maintain exclusion zones for ground personnel in the vicinity of the Vacuum Lifting operation. Safely carry out Vacuum Lifting activities to the required specification in the correct sequence and in an agreed time scale in accordance with agreed instructions. Identify & report any instances where the required specification cannot be fully met or where there are identified defects. Safely and correctly detach the Vacuum Lifter from the host machine when work is completed, storing the Vacuum Lifter in a suitable and safe manner in accordance with instructions. 	<p>Knowledge statements <i>You must have knowledge and understanding of:</i></p> <ol style="list-style-type: none"> Types of hazards and defects associated with the operation of the Vacuum Lifter. Work procedures and hazards associated with adjacent lines, where open to traffic whilst operating On Track Plant using the Vacuum Lifter attachment. The effect of loose broken or missing components on the Vacuum Lifting operation. Exclusion zone limits out-with which ground personnel are to remain whilst the Vacuum Lifter is in operation, action to take when someone enters the exclusion zone, and procedures to follow when permitting personnel to enter the exclusion zone. How to recognise when the work required exceeds the limits of the operator competence.
<p>Scope of Competence</p> <ol style="list-style-type: none"> Vacuum Lifting activities include actions to be taken in the following instances: <ul style="list-style-type: none"> An obstruction becomes entangled in the Vacuum Lifter. 	<p>Performance Evidence Requirements</p> <p>Performance evidence for initial assessment must be collected through differing types of workplace evidence and may include direct observation, witness testimony, completed reports of work checks, knowledge testing or a combination of the above for the person completing all relevant procedures in respect of performance statements: a, b, c, d, f, g and i.</p> <p>Performance statements 'e and h' may be assessed by using a range of assessment methods including witness testimony, documented questioning or evidence from training.</p> <p>Performance evidence for recertification assessment may be collected through differing types of workplace evidence and may include direct observation, witness testimony, completed reports of work checks, knowledge testing or a combination of the above for the person completing all relevant operating procedures.</p>

OTPA 24: Operate Attachment Vacuum Unit	
Element 1: Operate the Vacuum Unit attachment safely	
<p>Performance statements <i>You must be able to:</i></p> <ol style="list-style-type: none"> a. Work safely at all times, complying with health and safety and other relevant regulations and guidelines. b. Confirm that the host machine can operate the Vacuum Unit attachment c. Confirm that the Vacuum Unit is approved for the activities to be carried out. d. Identify any defects with the Vacuum Unit attachment prior to use. e. Safely carry out work activities to the required specification in the correct sequence and in an agreed time scale in accordance with agreed instructions. f. Identify & report any instances where the required specification cannot be fully met or where there are identified defects. g. Safely and correctly On/Off track the machine, attaching and detaching the vacuum unit in accordance with procedures. h. Safely and correctly detach the Vacuum Unit from the host machine when work is completed, storing the Vacuum Unit in a suitable and safe manner in accordance with instructions. 	<p>Knowledge statements <i>You must have knowledge and understanding of:</i></p> <ol style="list-style-type: none"> 1. Types of hazards and defects associated with the operation of the Vacuum Unit, and how to make safe for maintenance work. 2. The effect of loose, worn, broken or missing components on the Vacuum Unit. 3. What to do in the event of identifying a fault with the vacuum unit which could affect safety. 4. Procedures to follow when discharging the hopper into a dumper (including dumper operator requirements) 5. Hazards associated with discharging the hopper including situations likely to cause damage to the hopper doors. 6. Types of materials approved for collection using the vacuum unit, and hazards and restrictions associated with collection of light materials. 7. How to On/Off track safely and in accordance with procedures. 8. How to recognise when the work required exceeds the limits of the Operate competence.
<p>Scope of Competence</p> <ol style="list-style-type: none"> 1. Work activities includes: <ul style="list-style-type: none"> • Monitoring the load on hook indicator. • Discharging the hopper into a dumper. 	<p>Performance Evidence Requirements</p> <p>Performance evidence for initial assessment must be collected through differing types of workplace evidence and may include direct observation, witness testimony, completed reports of work checks, knowledge testing or a combination of the above for the person completing all relevant procedures in respect of performance statements: a, b, c, e and h.</p> <p>Performance statements 'd, f and g' may be assessed by using a range of assessment methods including witness testimony, documented questioning or evidence from training.</p> <p>Performance evidence for recertification assessment may be collected through differing types of workplace evidence and may include direct observation, witness testimony, completed reports of work checks, knowledge testing or a combination of the above for the person completing all relevant operating procedures.</p>

OTPA 25: Operate Attachment Piling Rig	
Element 1: Operate the Piling Rig attachment safely	
<p>Performance statements <i>You must be able to:</i></p> <ul style="list-style-type: none"> a. Work safely at all times, complying with health and safety and other relevant regulations and guidelines. b. Confirm that the host machine can operate the Piling Rig attachment c. Confirm that the Piling Rig is approved for the activities to be carried out. d. Identify any defects with the Piling Rig attachment prior to use. e. Implement and maintain exclusion zones for ground personnel in the vicinity of the work. f. Safely carry out work activities to the required specification in the correct sequence and in an agreed time scale in accordance with agreed instructions. g. Identify & report any instances where the required specification cannot be fully met or where there are identified defects. h. Safely and correctly detach the Piling Rig from the host machine when work is completed, storing the Piling Rig in a suitable and safe manner in accordance with instructions. 	<p>Knowledge statements <i>You must have knowledge and understanding of:</i></p> <ul style="list-style-type: none"> 1. Types of hazards and defects associated with the operation of the Piling Rig. 2. Work procedures and hazards associated with adjacent lines, where open to traffic whilst operating On Track Plant using the Piling Rig attachment. 3. The effect of loose broken or missing components on the Piling Rig. 4. Exclusion zone limits out-with which ground personnel are to remain whilst working using the Piling Rig, action to take when someone enters the exclusion zone, and procedures to follow when permitting personnel to enter the exclusion zone. 5. Special precautions to be taken when operating the Piling Rig in all operational modes. 6. How to recognise when the work required exceeds the limits of the operator competence. <p>Performance Evidence Requirements</p> <p>Performance evidence for initial assessment must be collected through differing types of workplace evidence and may include direct observation, witness testimony, completed reports of work checks, knowledge testing or a combination of the above for the person completing all relevant procedures in respect of performance statements: a, b, c, f and h.</p> <p>Performance statements 'd, e and g' may be assessed by using a range of assessment methods including witness testimony, documented questioning or evidence from training.</p> <p>Performance evidence for recertification assessment may be collected through differing types of workplace evidence and may include direct observation, witness testimony, completed reports of work checks, knowledge testing or a combination of the above for the person completing all relevant operating procedures.</p>

OTPA 26: Tandem Lifting using On Track Plant	
Element 1: Undertake lifting & load handling operations using tandem lifting	
<p>Performance statements <i>You must be able to:</i></p> <ol style="list-style-type: none"> Work safely at all times, complying with health and safety and other relevant regulations and guidelines. Test & check the RCI is set for the duties to be undertaken before lifting duties. Operate to the down rating applicable & adhere to the limitations imposed by the lifting plan Carry out the lifting or load handling activities within the limits of your personal authority and in the specified sequence and agreed time scale. Report instances where the lifting activities cannot be fully met or where there are identified defects with the machine, equipment or load. Follow and interpret given instructions and signals with relevant personnel. Check tandem lifting accessories are fit for purpose and suitable for the task Undertake tandem lifting operations safely including on cants or gradients, taking necessary special precautions. 	<p>Knowledge statements <i>You must have knowledge and understanding of:</i></p> <ol style="list-style-type: none"> How the tandem lifting & load handling activity may affect the safe operation of the railway. How to interpret a lifting plan, other lifting documentation and control procedures. What action to take when vision is limited for operating / reversing etc. What action to take when communication is lost with person giving hand-signals. Requirements to confirm machines are of similar characteristics to maintain stability during tandem lifting. The normal SWL of each machine and how calculate the SWL when operating in tandem. Requirement to monitor the RCI during lifting operations and what action to take if the machine reaches maximum SWL. How to manage the load during lifting, i.e. remains level, equally shared weight between two machines, suspended below the lifting hook(s). Precautions when one machine is in road mode and the other in rail mode, in canted and non canted areas. The required settings for the RCI's. Special precautions when lifting in areas of cants or gradients including knowledge of SWL when working on canted track. Machine set-up requirements for static lifting, including position of axle stabilisers.
<p>Scope of Competence</p> <ol style="list-style-type: none"> Instructions to be followed are those with the Crane Controller and include: <ul style="list-style-type: none"> Scope of work and communication method Method of verbal & hand-signals to control the lifting operation (as per BS7121) Load defects may include: <ul style="list-style-type: none"> Load out of balance, insecure or snagging Lifting accessories include: <ul style="list-style-type: none"> Slings <ul style="list-style-type: none"> including multi leg chain slings fibre slings RCI tests and checks include calibration and: <ul style="list-style-type: none"> Safe Working Load and Overload warnings: <ul style="list-style-type: none"> Audible warning devices Visual warning devices RCI radius and safe working loads displayed, correspond with the duty chart figures. Set both RCI's to the same duty. 	<p>Performance Evidence Requirements</p> <p>Performance evidence must be collected through differing types of workplace evidence, of the person completing lifting procedures in respect of performance statements: a, b, c, d, f, g and h.</p> <p>The remaining performance statement e may be assessed by using a range of methods including witness testimony, documented questioning or evidence from training.</p>