

Network Rail Portable Transportable and Mobile Plant Equipment Development Requirements

The following table specifies the development requirements for each piece of Portable, Transportable and Mobile Plant covered in NR/L2/CTM/220 Competence and Training in Portable, Transportable and Mobile Plant.

The following list of equipment specifies whether formal training or briefing is required, any pre-requisites requirements, the recertification methodology and the competence to be awarded upon successful completion.

Short Code	Competence	Portable, Transportable & Mobile Plant Equipment	Pre-requisites	Initial Training/Briefing	Mentoring Requirement	Annual Check Y/N	Regime	Re-cert Method
PTMP 00 elearning	Safe use of portable & transportable plant	All	None	Nil	None	Y	5	elearning every 5 yrs
PTMP 01	Safe use of generators	Generators	None	Safe use of Portable and Transportable Plant module	None	Y	5	Assessment every 5 yrs
PTMP 02.01	Rail Drills	Rail Drill	Safe use of Portable and Transportable Plant	Rail Drill (additional training)	Mentoring	Y	5	Assessment every 4 yrs
PTMP 02.02	Wood Sleeper Drills	Wood Sleeper Drill	Safe use of Portable and Transportable Plant	Wood Sleeper Drill (additional training)	None	Y	6	Assessment every 50 yrs
PTMP 02.03	Magnetic Mounted Drills	Magnetic Mounted Drills	Safe use of Portable and Transportable Plant	Magnetic Mounted Drills (additional training)	None	Y	6	Assessment every 50 yrs
PTMP 02.04	Cold Bolt Expansion Equipment	Cold Bolt Expansion Equipment	Safe use of Portable and Transportable Plant & Rail Drill	Cold Bolt Expansion Equipment (additional training)	Mentoring	Y	6	Assessment every 50 yrs
PTMP 02.05	Pillar Drill	Pillar Drill	Safe use of Portable and Transportable Plant	Briefing	None	Y	6	Assessment every 50 yrs
PTMP 02.06	Battery Rail Drill Mobile Maintenance Train (MMT)	Battery Rail Drill Mobile Maintenance Train (MMT)	Safe use of Portable and Transportable Plant and MMT Safety Module	Battery Rail Drill Mobile Maintenance Train (MMT)	Mentoring	Y	4	Assessment every 4 yrs
PTMP 03.01	Rail Mounted Disc Cutter	Rail Mounted Disc Cutter	Safe use of Portable and Transportable Plant	Rail Mounted Disc Cutter (additional training)	None	Y	4	Re-training every 3 yrs
PTMP 03.02	Switch Grinders	Switch Grinders	Safe use of Portable and Transportable Plant	Switch Grinders (additional training)	None	Y	5	Re-training every 4 yrs
PTMP 03.03	Plain Line Grinder	Plain Line Grinder	Safe use of Portable and Transportable Plant	Plain Line Grinder (additional training)	None	Y	5	Re-training every 4 yrs
PTMP 03.04	Crossing Grinder	Crossing Grinder	Safe use of Portable and Transportable Plant	Crossing Grinder	None	Y	5	Re-training every 4 yrs
PTMP 03.05	Weld Trimmer	Weld Trimmer	Safe use of Portable and Transportable Plant	Weld Trimmer (additional training) Briefing	None	Y	6	Competency does not expire
PTMP 03.06	Cutting & Grinding Equipment	Abrasive Wheels, Hand Held Disc Cutter & Angle Grinder	Safe use of Portable and Transportable Plant	Cutting & Grinding Equipment (additional training)	None	Y	4	Re-training every 4 yrs

PTMP 03.07	Hydraulic Web Grinder	Hydraulic Web Grinder	Safe Use of Portable and Transportable Plant	Hydraulic Web Grinder	None	Y	6	Competency does not expire
PTMP 03.08	Pin Brazing using the Safetrack Econect	Pin Brazing using the Safetrack Econect	PTMP Core (new) & Cutting and Grinding	Pin Brazing using the Safetrack Econect	None	Y	6	Competency does not expire
PTMP 03.09	Chembre Automatic Disc Cutter	Cembre Automatic Disc Cutter	Safe Use of Portable and Transportable Plant, Rail Mounted Disc Cutter and Cutting and Grinding Equipment	Cembre Automatic Disk Cutter	None	Y	5	Re-training every 5 years
PTMP 03.10	Bandsaw	Bandsaw	Safe use of Portable and Transportable Plant	Bandsaw	None	Y	4	Assessment every 5 yrs
03.11	Railhead Profile Grinding Machine Mobile Maintenance Train (MMT)	Railhead Profile Grinding Machine	Safe use of Portable and Transportable Plant	Railhead Profile Grinding Machine	None	Y	4	Assessment every 3 yrs
PTMP 04.01	Huck Bolt Fastener	Huck Bolt Fastener	Safe use of Portable and Transportable Plant	Huck Bolt Fastener (additional training)	None	Y	6	Assessment every 50 yrs
PTMP 04.02	Hydraulic Spike Extractor	Hydraulic Spike Extractor	Safe use of Portable and Transportable Plant	Hydraulic Spike Extractor (additional training)	None	Y	5	Assessment every 5 yrs
PTMP 04.03	Rail Clippers, Track fastening de-clipping machines	Track fastening de-clipping machines (Rail clippers)	Safe use of Portable and Transportable Plant	Rail Clippers, Track fastening de-clipping machines	None	Y	5	Assessment every 5 yrs
PTMP 04.04	Coach screwing and fish bolt fastening machine	Coach screwing and fish bolt fastening machine	Safe use of Portable and Transportable Plant	Coach screwing and fishbolt fastening machine (additional training)	None	Y	4	Assessment every 5 yrs
PTMP 04.05	Impact wrench	Impact Wrench	Safe use of Portable and Transportable Plant	Impact Wrenches (additional training)	None	Y	6	Assessment every 50 yrs
PTMP 04.06	Rail Clippers, Fast Clippers	Fast Clippers, (Rail Clippers)	Safe use of Portable and Transportable Plant	Rail Clippers, Fast Clippers (additional training)	None	Y	5	Assessment every 5 yrs
PTMP 04.07	Rail Clippers, Track fastening rusty clip extractor	Track fastening rusty clip extractor (Rail clippers)	Safe use of Portable and Transportable Plant	Rail Clippers, Track fastening rusty clip extractor (additional training)	None	Y	6	Assessment every 50 yrs
PTMP 04.10	Clipping Machine (MMT)	Clipping Machine	Safe use of Portable and Transportable Plant	Clipping Machine	None	Y	5	Assessment every 4 yrs
PTMP 04.11	Impact Wrench (MMT)	Impact Wrench	Safe use of Portable and Transportable Plant	Impact Wrench	None	Y	5	Assessment every 5 yrs
PTMP 05.01	Rail Joint Straighteners	Rail Joint Straighteners	Safe use of Portable and Transportable Plant	Rail Joint Straightners (additional training)	Mentoring	Y	4	Re-training every 5 yrs
PTMP 05.03	Hydraulic Tensors	Hydraulic Tensors	Safe use of Portable and Transportable Plant	Hydraulic Tensors (additional training)	Mentoring	Y	4	Re-training every 4 yrs
PTMP 05.04	Sleeper Squarer	Sleeper Squarer	Safe use of Portable and Transportable Plant	Sleeper Squarer (additional training)	None	Y	6	Competency does not expire
PTMP 05.05	Rail Gap Adjusters	Rail Gap Adjusters	Safe use of Portable and Transportable Plant	Rail Gap Adjusters (additional training)	None	Y	6	Competency does not expire
PTMP 05.08	Hydraulic Rail Lifter (MMT)	Hydraulic Rail Lifter	Safe use of Portable and Transportable Plant	Hydraulic Rail Lifter	None	Y	5	Assessment every 5 years
PTMP 06.01	Handheld Stone Blower	Handheld Stone Blower	Safe use of Portable and Transportable Plant	Handheld Stone Blower (additional training)	None	Y	6	Competency does not expire
PTMP 06.02	Compacting, breaking & digging equipment	Tamping Hammer & Orbital Tamper	Safe use of Portable and Transportable Plant module	Compacting breaking & digging equipment (additional training)	None	Y	5	Re-training every 5 yrs

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		Vibration Plate/Rammer Ground Breaker						
PTMP 06.04	Stihl Handheld Stone Blower	Stihl Handheld Stone Blower	Safe use of Portable and Transportable Plant module	Stihl Handheld Stone Blower	None	Y	6	Competency does not expire
PTMP 06.05	Pressure Intensifier (MMT)	Pressure Intensifier	Safe use of Portable and Transportable Plant module	Pressure Intensifier	None	Y	5	Assessment every 5 yrs
PTMP 06.06	Vertical Tamper (MMT)	Vertical Tamper	Safe use of Portable and Transportable Plant module	Vertical Tamper	None	Y	5	Assessment every 5 yrs
PTMP 07.01	Manually Propelled Rail Handler	Manually Propelled Rail Handler	Safe use of Portable and Transportable Plant module	Manually Propelled Rail Handler (additional training)	None	Y	2	Re-training every 3 yrs
PTMP 07.02	Jacking Trolley	Jacking Trolley	Safe use of Portable and Transportable Plant module	Jacking Trolley (additional training)	None	Y	6	Competency does not expire
PTMP 07.04	Jacks	Jacks	Safe use of Portable and Transportable Plant module	Jacks (additional training)	None	Y	4	Re-training every 4 yrs
PTMP 07.05	Scooters &Skates	Scooters and Skates	Safe use of Portable and Transportable Plant module	Scooters& Skates(additional training)	None	Y	4	Assessment every 5 yrs
PTMP 08.01	Portable light towers	Lighting Towers: VT19M / ALT6000 / AL4000 / LTC4L / MT/ MG5000I DAEY Diesel Engined Mast Lights: four head / single head / twin head / Mini Lighting Towers & Link Lighting	Safe use of Portable and Transportable Plant	Portable Lighting Towers (additional training)	None	Y	5	Re-training every 5 yrs
PTMP 09.01	Wood Chipper	Wood Chipper	Safe use of Portable and Transportable Plant	Wood Chipper (additional training)	None	Y	6	Assessment every 50 yrs
PTMP 09.02	Bush Fighter	Bush Fighter	Safe use of Portable and Transportable Plant	Bush Fighter (additional training)	None	Y	4	Re-assessment every 3 yrs
PTMP 09.03	Line side plant	Brush Cutter Strimmer operation Hedge Trimmer	Safe use of Portable and Transportable Plant	Line Side plant (additional training)	None	Y	4	Re-training every 4 yrs
PTMP 09.04	Post Hole Borer	Post Hole Borer	Safe use of Portable and Transportable Plant	Line Side plant (additional training)	None	Y	6	Assessment every 50 yrs
PTMP 09.06	Bush Fighter Familiarisation	Bush Fighter Familiarisation	Safe use of Portable and Transportable Plant	Line Side plant (additional training)	None	Y	3	Re-training every 4 yrs
PTMP 09.07	Engine Driven Post Puncher	Engine Driven Post Puncher	Safe use of Portable and Transportable Plant	Line Side plant (additional training)	None	Y	6	Assessed every 50 years

PTMP 09.08	Safe Use of Chainsaws	Comp Codes: (LM30), (LM31), (LM30, 30.01, 30.02 & LM31), (LM48), (LM48), (LM32), (LM38.1), (LM38.2), (LM38), (LM39), (LM34), (LM35), (TBA), (LM40), (LM41), (LM47). Course descriptors can be found in Oracle	Safe use of Portable and Transportable Plant	Line Side plant (additional training)	As specified by training	Y	Certificated by City and Guilds @ level 2&3	Re-training every 3 years
PTMP 10.01	Electric needle gun	Electric Needle Guns	Safe use of Portable and Transportable Plant	Electric Needle Gun (additional training)	None	Y	6	Competency does not expire
PTMP 11.01	Hydraulic Pole Dropper	Hydraulic Pole Dropper	Safe use of Portable and Transportable Plant	Hydraulic Pole Dropper (additional training) external delivery	None	Y	5	Assessment every 5 yrs
PTMP 11.02	Spring Pole Droppers	Spring Pole Dropper	Safe use of Portable and Transportable Plant	Spring Pole droppers (additional training) external delivery	None	Y	6	Assessment every 50 yrs
PTMP 11.03	VMS Hydraulic Signal Post Dropper	VMS Hydraulic Signal Post Dropper	Safe use of Portable and Transportable Plant	VMS Hydraulic Signal Post Dropper external delivery	None	Y	4	Assessment every 4 yrs
PTMP 12.01 & PTMP 12.02	Providing the relevant certificate in Scaffolding is held (e.g. PASMA) Safe use of Scaffolding Equipment	Scaffold equipment	Safe use of Portable and Transportable Plant	The relevant certificate in Scaffolding (e.g. PASMA) external delivery	As specified by training	Y	5	As per PASMA requirements 5 yrs
PTMP 13.01	Cable Avoidance equipment operator	Cable Avoidance Equipment	Safe use of Portable and Transportable Plant	Cable Avoidance equipment operator (additional training)	None	Y	4	Re-assessment every 4 yrs
PTMP 14.01	Nail gun equipment	Gas Operated Nail Gun	Safe use of Portable and Transportable Plant	Nail gun equipment (additional training)	None	Y	6	Assessment every 50 yrs
		Cartridge Operated Nail Gun						
PTMP 15.01	Railhead Cleaning Unit	Railhead Cleaning Unit	Safe use of Portable and Transportable Plant	Railhead Cleaning Unit (additional training)	None	Y	6	Competency does not expire
PTMP 16	Safe use of trolleys	Trolleys	Safe use of Portable and Transportable Plant	Safe use of Portable and Transportable Plant module	None	Y	5	Re-assessment every 5 yrs
PTMP 16.01	Safe Use of Powered Trolley	Trolleys	Safe use of Portable and Transportable Plant	Safe use of Portable and Transportable Plant module	None	Y	5	Re-assessment every 5 yrs
PTMP 16.02	Movex Stair Climber	Track-O Twin-Track 47, Twin-Track 66 and Cross-Country Machines	Safe use of Portable and Transportable Plant	Safe use of Portable and Transportable Plant module	None	Y	5	Assessment every 5 years
PTMP 17.01	General lifting & moving equipment	Tail Lift	Safe use of Portable and Transportable Plant	General lifting & moving equipment (additional training)	None	Y	6	Competency does not expire
PTMP 17.02	Swing Lift Crane	Swing Lift Crane	Safe use of Portable and Transportable Plant	General lifting & moving equipment (additional training)	None	Y	6	Competency does not expire
PTMP 17.03	Winching equipment	Winch	Safe use of Portable and Transportable Plant	Winching equipment (additional training)	None	Y	6	Competency does not expire
PTMP 18.01	Providing the relevant certificate in Mobile elevated work platforms is held (IPAF preferred accreditation) Mobile elevated work platforms	Mobile elevated work platforms	Safe use of Portable and Transportable Plant	Relevant training for Mobile Plant equipment	As specified by training	Y	5	As per course requirements 5 yrs. Recert - Half day of training if logbook is up to date, if not or if competency has expired then a full course is required.

PTMP 18.02	Providing the relevant certificate in Loader cranes is held (ALMI preferred accreditation) Loader cranes	Loader cranes	Safe use of Portable and Transportable Plant	Relevant training for Mobile Plant equipment	As specified by training	Y	5	As per course requirements 5 yrs. Recert – 1-day training course if the student can demonstrate 15hrs usage in a year, if not or if competency has expired then a full training course is required.
PTMP 18.03	Providing the relevant certificate in Skid steer loader is held (NPORS preferred accreditation) Skid steer loader	Skid steer loader	Safe use of Portable and Transportable Plant	Relevant training for Mobile Plant equipment	As specified by training	Y	3	As per course requirements 3 yrs. Recert route of declaration by post or retest for NR staff is not suitable, staff must undertake a 1-day refresher training course with test via an accredited training provider.
PTMP 18.04	Providing the relevant certificate in Telehandler is held (RTITB preferred accreditation) Telehandler	Telehandler (inc Telescopic Material Handler)	Safe use of Portable and Transportable Plant	Relevant training for Mobile Plant equipment	As specified by training	Y	3	As per course requirements 3 yrs. Recert - 1 day refresher course which then awards a further 3 year licence.
PTMP 18.05	Providing the relevant certificate in Folk Lift Truck (counterbalance) is held (RTITB preferred accreditation) Folk Lift Truck	Folk Lift Truck	Safe use of Portable and Transportable Plant	Relevant training for Mobile Plant equipment	As specified by training	Y	3	As per course requirements 3 yrs. Recert - 1 day refresher course which then awards a further 3 year licence.
PTMP 18.06	Providing the relevant certificate in Tracked Excavator (under 10 Tonnes) is held (NPORS preferred accreditation) Tracked Excavator (under 10 Tonnes)	Excavator under 10 tonne	Safe use of Portable and Transportable Plant	Relevant training for Mobile Plant equipment	As specified by training	Y	3	As per course requirements 3 yrs. Recert route of declaration by post or retest for NR staff is not suitable, staff must undertake a 1-day refresher training course with test via an accredited training provider.
PTMP 18.07	Providing the relevant certificate in Dumper Truck (forward Tipping) is held (NPORS preferred accreditation) Dumper Truck (forward tipping)	Dumper Truck	Safe use of Portable and Transportable Plant	Relevant training for Mobile Plant equipment	As specified by training	Y	3	As per course requirements 3 yrs. Recert route of declaration by post or retest for NR staff is not suitable, staff must undertake a 1-day refresher training course with test via an accredited training provider.
PTMP 18.08	Providing the relevant certificate in Mini Cranes is held (NPORS preferred accreditation) Mini Cranes	Mini Cranes	Safe use of Portable and Transportable Plant	Relevant training for Mobile Plant equipment	As specified by training	Y	3	As per course requirements 3 yrs. Recert route of declaration by post or retest for NR staff is not suitable, staff must undertake a 1-day refresher training course with test via an accredited training provider.

PTMP 18.09	Providing the relevant certificate in Road/Pavement Rollers is held (NPORS preferred accreditation) Road/Pavement Rollers	Road/Pavement Rollers	Safe use of Portable and Transportable Plant	Relevant training for Mobile Plant equipment	As specified by training	Y	3	As per course requirements 3 yrs. Recert route of declaration by post or retest for NR staff is not suitable, staff must undertake a 1-day refresher training course with test via an accredited training provider.
PTMP 18.10	Slinger (NPORS preferred accreditation (Oracle only for NR Staff with PTMP equipment))	Slinger	Safe use of Portable and Transportable Plant	Relevant training for Mobile Plant equipment	As specified by training	Y	5	As per course requirements 3 yrs. Recert route of declaration by post or retest for NR staff is not suitable, staff must undertake a 1-day refresher training course with test via an accredited training provider.
PTMP 18.11	Providing the relevant certificate in 360 Material Handler Operator (over 10 tonne) (over 10 Tonnes) is held (NPORS preferred accreditation) Tracked Excavator (over 10 Tonnes)	Excavator over 10 tonne	Safe use of Portable and Transportable Plant	Relevant training for Mobile Plant equipment	As specified by training	Y	3	As per course requirements 3 yrs. Recert route of declaration by post or retest for NR staff is not suitable, staff must undertake a 1-day refresher training course with test via an accredited training provider.
PTMP 18.12	Providing the relevant certificate in Wheeled Loading Shovel is held (NPORS preferred accreditation) Wheeled Loading Shovel	Wheeled Loading Shovel	Safe use of Portable and Transportable Plant	Relevant training for Mobile Plant equipment	As specified by training	Y	3	As per course requirements 3 yrs. Recert route of declaration by post or retest for NR staff is not suitable, staff must undertake a 1-day refresher training course with test via an accredited training provider.
PTMP 18.13	Providing the relevant certificate in Articulated Dumper is held (NPORS preferred accreditation) Articulated Dumper	Articulated Dumper	Safe use of Portable and Transportable Plant	Relevant training for Mobile Plant equipment	As specified by training	Y	3	As per course requirements 3 yrs. Recert route of declaration by post or retest for NR staff is not suitable, staff must undertake a 1-day refresher training course with test via an accredited training provider.
PTMP 18.15	Providing the relevant certificate in Tractor Bowser is held (NPORS preferred accreditation) Tractor Bowser	Tractor Bowser	Safe use of Portable and Transportable Plant	Relevant training for Mobile Plant equipment	As specified by training	Y	3	As per course requirements 3 yrs. Recert route of declaration by post or retest for NR staff is not suitable, staff must undertake a 1-day refresher training course with test via an accredited training provider.
PTMP 19.01	Automatic Ballast Sampling & Trolley	Automatic Ballast Sampling & Trolley	Safe use of Portable and Transportable Plant	ABS and trolley equipment (additional training)	None	Y	5	Assessment every 5 yrs
PTMP 20.01	Rail Sprayer & Trolley	Paint Sprayer & Trolley	Safe use of Portable and Transportable Plant	Rail sprayer and trolley equipment (additional training)	None	Y	6	Assessment every 50 yrs

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PTMP 21.01	OLE winching equipment	Grab Winch Battery Power Winch	Safe use of Portable and Transportable Plant	OLE winching equipment (additional training)	None	Y	4	Assessment every 4 yrs
PTMP 25.01	Extraction Unit (MMT)	Extraction Unit (MMT)	Safe use of Portable and Transportable Plant	Extraction Unit (MMT)	None	Y	5	Assessment every 5 yrs
PP83	Thomson Signal Head Hoist	Thomson Signal Head Hoist	Safe use of Portable and Transportable Plant	Thomson Signal Head Hoist	None	Y	6	Assessment every 50 yrs
PP84	Operate Pandrol Vanguard Assembly Tool	Operate Pandrol Vanguard Assembly Tool	Safe use of Portable and Transportable Plant	Operate Pandrol Vanguard Assembly Tool	None	Y	5	Assessments every 5 yrs

Amendment Status

Version Number	Date of Change	Amended By	Amendment
1	March 2021	Adam Bell	CTM/220a & b merged to form current document after being removed from standard.
2	02 Jul 2024	John Watt	<p>General update to align information to appendix E Units of Competency and PTMP Framework version 6 dated 09/01/2024 (held in Safety Central).</p> <p>PTMP03.10 Bandsaw inserted.</p> <p>PTMP03.11 Railhead Profile Grinding Machine Mobile Maintenance Train (MMT) inserted.</p> <p>PTMP04.10 Clipping Machine (MMT) inserted.</p> <p>PTMP04.11 Impact Wrench (MMT) inserted.</p> <p>PTMP05.08 Hydraulic Rail Lifter inserted.</p> <p>PTMP06.03 Triple Whacker removed as competency no longer exists.</p> <p>PTMP06.05 Stihl Handheld Stone Blower inserted.</p> <p>PTMP06.06 Pressure Intensifier (MMT) inserted.</p> <p>PTMP06.07 Vertical Tamper (MMT) inserted.</p> <p>PTMP07.01 Title changed from Ironman to Manually Propelled Rail Handler.</p> <p>PTMP07.05 Updated as a separate entry.</p> <p>PTMP09.06 Bush Fighter Familiarisation.</p> <p>PTMP09.08 Safe Use of Chainsaws Inserted.</p> <p>PTMP15.01 Railhead Cleaning Unit inserted.</p> <p>PTMP16.01 Safe Use of Powered Trolleys Inserted.</p> <p>PTMP16.02 Movex Stair Climber Inserted.</p> <p>PTMP17.02 Swing Lift Crane Inserted.</p> <p>PTMP18 Safe Use of Mobile Plant combined with PTMP00 Core.</p> <p>PTMP18.02 Naming changed from Knuckle Boom Cranes to Loader Cranes.</p> <p>PTMP18.06 Naming updated.</p> <p>PTMP18.07 Naming updated.</p> <p>PTMP18.10 Excavator over 10 tonne insert, updated from old DP competency.</p> <p>PTMP18.11 Wheeled Loading Shovel inserted, updated from old DP competency.</p> <p>PTMP18.12 Articulated Dumper inserted, updated from old DP competency.</p> <p>PTMP18.14 Tractor Bowser inserted, updated from old DP competency.</p> <p>PTMP25.01 Extraction Unit (MMT) inserted.</p> <p>PP 83 Thomson Signal Head Hoist inserted.</p> <p>PP84/PTMP22.01 Operate Pandrol Vanguard Assembly Tool inserted.</p> <p>PTMP Safe Use of Hand Tools combined with PTMP00 Core.</p>
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