

A – On-Track Plant Training Frameworks & Processes

Table A.1 – Operator training framework (Host Machines)

Competence Ref N°	Competence Standard (Host Machines)	Training Ref N°	Training Module
OTPO_00	Operator Core Module	OTPO_T0	Operator Core Module (Host Machine)
OTPO_01-T	Operate Road Rail Excavator – Tracked (RRV)	OTPO_T1.2	Operate Road Rail Excavator (Tracked)
OTPO_01-W	Operate Road Rail Excavator – Wheeled (RRV)	OTPO_T1.1	Operate Road Rail Excavator (Wheeled)
OTPO_02-T	Operate Road Rail Excavator Crane – Tracked (RRV)	OTPO_T2.2	Operate Road Rail Excavator Crane (Tracked)
OTPO_02-W	Operate Road Rail Excavator Crane – Wheeled (RRV)	OTPO_T2.1	Operate Road Rail Excavator Crane (Wheeled)
OTPO_03	Operate Crawler / Tractor Dozer (RRV)	OTPO_T3	Operate Crawler / Tractor Dozer
OTPO_04	Operate Agricultural Tractor (RRV)	OTPO_T4	Operate Agricultural Tractor
OTPO_05	Operate ATUV - Gator type vehicles (RRV)	OTPO_T5	Operate ATUV (Gator type vehicles)
OTPO_06	Operate Dump Truck (RRV)	OTPO_T6	Operate Dump Truck
OTPO_07	Operate Dumper (RRV)	OTPO_T7	Operate Dumper
OTPO_08	Operate Highway Based Vehicle (RRV)	OTPO_T8.1	Operate Highway Based Vehicles < 3.5t MPV's
		OTPO_T8.2	Operate Highway Based Vehicles >= 3.5t MPV's
OTPO_08-FBW	Operate Highway Based Vehicle – Flash Butt Welder (RRV)	OTPO_T8.3	Operate Highway Based Vehicle Flash-butt welder
OTPO_09	Operate Motorised Trolley (RMMM)	OTPO_T9	Operate Motorised Trolley (RMMM)
OTPO_10	Operate Self Propelled MEWP (RRV)	OTPO_T10	Operate Self Propelled MEWP
OTPO_11	Operate Telescopic Handler (RRV)	OTPO_T11	Operate Telescopic Handler
OTPO_12	Operate Platform Lift - MEWP (RMMM)	OTPO_T12	Operate Platform Lift - MEWP (RMMM)
OTPO_13	Operate Ballast Packer (RMMM)	OTPO_T13	Operate Ballast Packer (RMMM)
OTPO_14	Operate Sleeper Changer (RMMM)	OTPO_T14	Operate Sleeper Changer (RMMM)
OTPO_15	Operate Tracgopher (RMMM)	OTPO_T15	Operate Tracgopher (RMMM)
OTPO_16	Operate Lifter / Slewler (RMMM)	OTPO_T16	Operate Lifter / Slewler (RMMM)
OTPO_17	Operate Clipper (RMMM)	OTPO_T17	Operate Clipper (RMMM)
OTPO_18	Operate Piling Machine (RMMM)	OTPO_T18	Operate Piling Machine

Where a person requires training to develop their competence they shall attend and successfully complete the Network Rail approved OTP Operator training course.

It is mandatory to hold competence in module OTPO_00 'Operator Core Module' Prior to assessment against any Operator competence standard.

It is mandatory to hold a current, valid Non-Rail (e.g. CPCS) certificate to operate Excavators and Dozers, Prior to assessment against Competence standards:

- OTPO_01 Operate Road Rail Excavator
- OTPO_02 Operate Road Rail Excavator Crane
- OTPO_03 Operate Crawler / Tractor Dozer

Table A.2 – Manufacturers Host Machines approved for training
(Guidance only – List not exhaustive)

Training Ref N^o	Training Module	Host machine(s) that may be used for Initial Training Module
OTPO_T0	Operator Core Module (Host Machine)	Operator Core Module
OTPO_T1.1 OTPO_T1.2 OTPO_T2.1 OTPO_T2.2	Operate Road Rail Excavator Tracked Operate Road Rail Excavator Wheeled Operate Road Rail Excavator Crane Tracked Operate Road Rail Excavator Crane Wheeled	Atlas 1304/1504/1604/Giga Railer
		Case 688/788/888/988 / Super/Mega Railer / WX170
		Caterpillar 206/312
		Colmar T4300/T7000/T10000
		Daewoo 130/170
		Doosan 160
		Eder 805/825
		Fiat Hitachi 85/130/135/165
		Geismar KGT
		JCB 160/175
		Marubeni Komatsu 410 (PW95)
		Komatsu PW110/PW130/PW170/228 PC128/PC138
		Liebherr 312/900/902
		Mecalac 11/12/14
O&K 4S/5S/114		
OTPO_T3	Operate Crawler / Tractor Dozer	Caterpillar D3/D4/D5
		Komatsu D41
OTPO_T4	Operate Agricultural Tractor	Massey-Ferguson
		Bruff/Ford
		Lamborghini 774
		New Holland
OTPO_T5	Operate ATUV (Gator type vehicles)	John Deere Gator
		Kawasaki Mule
		KUBOTA RTV
OTPO_T6	Operate Dump Truck	JCB 712
		Philmor rail MPV
		Rail-Ability RAIL-BOSS/RAIL-RITE
		Thwaites TD12
OTPO_T7	Operate Dumper	Barford Swivel skip 5T, 6T and 8T.
		Benford swivel skip 5T and 6T.
		Benford 3-way flat bed.
		Thwaites 5T and 6T. swivel skip
		Thwaites 5T. 3-way flat bed
		Thwaites 5T. 3-way flat bed + crane
OTPO_T8.1	Operate Highway Based Vehicle < 3.5t (MPV's)	Land Rover
		Volkswagen Multi-car
OTPO_T8.2	Operate Highway Based Vehicle >= 3.5t (MPV's)	Mercedes-Benz Unimog
		Bruff / Bedford lorry
		Leyland DAF
		Newag MAN – Rocket
		SRS / Svabo 8.2Ti
OTPO_T8.3	Operate Highway Based Vehicle (Flash-butt welder)	Flash Butt welder

Table A.2_(Cont'd) – Manufacturers Host Machines approved for training
(Guidance only – List not exhaustive)

Training Ref N°	Training Module	Host machine(s) that may be used for Initial Training Module
OTPO_T9	Operate Motorised Trolley (RMMM)	Bance Alumi-cart
		Geismar EGO-4
		Geismar EGO-5
		Lesmac swift
OTPO_T10	Operate Self Propelled MEWP	Ecomeca LAMA
		Genie Z45
OTPO_T11	Operate Telescopic Handler	
OTPO_T12	Operate Platform Lift - MEWP (RMMM)	Permaquip HCT
		Permaquip platform lift
OTPO_T13	Operate Ballast Packer (RMMM)	Permaquip ballast packer
OTPO_T14	Operate Sleeper Changer (RMMM)	Geismar sleeper changer
OTPO_T15	Operate Tracgopher (RMMM)	Tracgopher
OTPO_T16	Operate Lifter / Slewler (RMMM)	Permaquip muscleman
		Plasser lifter/slewler
OTPO_T17	Operate Clipper (RMMM)	Permaquip Clipper
OTPO_T18	Operate Piling Machine	Aarsleff Rail Mounted Piling Rig
		Plasser & Theurer SCPV14 Piling Machine

Table A.3 – Operator training framework (Attachments & Trailers)

Competence Ref N°	Competence Standard (Attachments/Trailers)	Training Ref N°	Training Module
OTPA_00	Operator Attachment Core Module	OTPA_T0	Operator Attachment Core Module
OTPA_01	Operate Attachment Access Platform Boom (MEWP)	OTPA_T1	Operate Attachment Access Platform Boom (MEWP)
OTPA_02	Operate Attachment Access Platform Scissor (MEWP)	OTPA_T2	Operate Attachment Access Platform Scissor (MEWP)
OTPA_03	Operate Attachment Kb Crane	OTPA_T3.1	Operate Attachment Kb Crane ≤ 2T swl
		OTPA_T3.2	Operate Attachment Kb Crane > 2T swl
OTPA_04	Operate Trailer	OTPA_T4	Operate Trailer
OTPA_05	Operate Attachment Ballast Brush	OTPA_T5	Operate Attachment Ballast Brush
OTPA_06	Operate Attachment Ballast Plough	OTPA_T6	Operate Attachment Ballast Plough
OTPA_07	Operate Attachment Ballast Regulator	OTPA_T7	Operate Attachment Ballast Regulator
OTPA_08	Operate Attachment Chipper	OTPA_T8	Operate Attachment Chipper
OTPA_09	Operate Attachment Clamshell Bucket	OTPA_T9	Operate Attachment Clamshell Bucket
OTPA_10	Operate Attachment Fast-Clipper	OTPA_T10	Operate Attachment Fast-Clipper
OTPA_11	Operate Attachment Flail (Brush Cutter)	OTPA_T11	Operate Attachment Flail (Brush Cutter)
OTPA_12	Operate Attachment Flash-butt Welder	OTPA_T12	Operate Attachment Flash-butt Welder
OTPA_13	Operate Attachment Hydraulic Rail Beam	OTPA_T13	Operate Attachment Hydraulic Rail Beam
OTPA_14	Operate Attachment Hydraulic Grab	OTPA_T14	Operate Attachment Hydraulic Grab
OTPA_15	Operate Attachment Mixer	OTPA_T15	Operate Attachment Mixer
OTPA_16	Operate Attachment Panel Lifting Beam	OTPA_T16	Operate Attachment Panel Lifting Beam
OTPA_17	Operate Attachment Rail Cropper	OTPA_T17	Operate Attachment Rail Cropper
OTPA_18	Operate Attachment Hydraulic Sleeper Placer	OTPA_T18	Operate Attachment Hydraulic Sleeper Placer
OTPA_19	Operate Attachment Tamper	OTPA_T19	Operate Attachment Tamper
OTPA_20	Operate Attachment Tanker / Jetter	OTPA_T20	Operate Attachment Tanker / Jetter
OTPA_21	Operate Attachment Thimble	OTPA_T21	Operate Attachment Thimble
OTPA_23	Operate Attachment Vacuum Lifter	OTPA_T23	Operate Attachment Vacuum Lifter
OTPA_24	Operate Attachment Vacuum Unit	OTPA_T24	Operate Attachment Vacuum Unit
OTPA_25	Operate Attachment Piling Rig	OTPA_T25	Operate Attachment Piling Rig
OTPA_26	Tandem Lifting using On Track Plant	OTPA_T26	Tandem Lifting using On Track Plant

Where a person requires training to develop their competence they shall attend and successfully complete the Network Rail approved OTP Operator training courses.

It is mandatory to hold competence in the relevant Host Machine, Prior to assessment against any attachment/trailer competence standards (See table 4 above Host machines and authorised Attachments/trailers).

It is mandatory to hold competence in module OTPA_00 'Operator Attachment Core Module' Prior to assessment against any Operator attachment/trailer competence standard.

A.1 Modules that form the OTP Training Framework (Brief overview).

Operator - Core Module

This module is designed to train persons in the operation of OTP and whose work will involve the operation of OTP. The aim of the module is to provide the basic underpinning knowledge of the Rule Book Module OTP and working methods associated with the operation of OTP.

Core module training course will cover as a minimum:

- Responsibilities affecting safety and pre-use
- Restrictions & Precautions
- Travel in a possession, within & between worksites
- Communication protocol for Operators

Operate – Host Machines as detailed in Table A.1 above

The training modules are designed to provide the basic underpinning knowledge of and working methods associated with the operation of the host machine(s).

Training will include theory sessions augmented with practical work by the On Track Plant trainee, operating the host machine in a controlled environment, whilst at all times working to the instructions of an approved trainer.

Host machine training courses will cover as a minimum:

- Carry out pre-work checks
- On & Off tracking
- Operate the Host Machine safely
- Emergency procedures

Operate – On Track Plant with Attachments or Trailers

Each attachment module is designed to train persons who hold a host machine competence and are required to operate the host machine with an approved attachment / trailer. Each module will provide the basic underpinning knowledge of and working methods associated with the operation of the host machine / activity using the specific attachment or trailer.

Training will include theory sessions augmented with practical work by the On Track Plant trainee, operating the machine with attachment / trailer in a controlled environment, whilst at all times working to the instructions of an approved trainer.

Core Attachment / Trailer training course will cover as a minimum:

- Carry out pre-work checks
- Operate the OTP with attachments / trailers safely

Specific Attachment / Trailer training courses (As detailed in table A.3 above) will cover as a minimum:

- Items unique to the operation of the OTP with the specific attachment / trailer or process safely. Building on the core module with theory and practical sessions specific to that attachment / trailer or process.