

SECTION 11
TRACK MAINTENANCE
VEHICLE DATA

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EXPLANATION OF NOTES:
FOR TRACK MAINTENANCE VEHICLE DATA

NOTE: Track Maintenance Vehicles must operate under **MANUAL BLOCK WORKING CONDITIONS** as per NSY 512 unless exempted by NOTE T3, which authorises a vehicle to operate under the control of track signalling.

T1	Vehicle can be removed from rail using portable takeoff.
T2	Vehicle can be coupled into a train consist. Refer to specified maximum trailing load.
T3	Vehicle permitted to operate under the control of track signalling and not under block working conditions.
T4	Maximum speed on a 1 in 30 grade 10 km/h
T5	Maximum speed on a 1 in 30 grade 20 km/h
T6	Maximum speed of vehicle when coupled in a train consist 80 km/h
T7	Maximum speed of vehicle when coupled in a train consist 50 km/h
T8	Restricted to operate in areas designated WIDE in the CityRail Section Pages 3 and 4.
T9	Vehicle can be removed from the track by hand.
T10	Maximum speed of vehicles when coupled in a train consist 60 km/h
T11	Vacant
T12	This vehicle is restricted to a maximum speed of 20 km/h in the forward direction (or maximum speed of the vehicle, whichever is the lowest), and 5 km/h in the reverse direction when traversing track fitted with check rails or guard rails such as at points, crossings, bridges and level crossings.
T13	Vacant
T14	This vehicle is restricted to operation within a worksite only. All movements shall be controlled by the worksite supervisor. No other vehicles will be permitted to pass these vehicles on any adjacent lines until these vehicles have come to a stand and are clear of the adjacent line.
T15	Only to operate in approved areas as outlined in SECTION 1 Route Standards Page 1
T16	This vehicle is fitted with an automatic coupler and air brake coupling hoses on the rear end and air compressor. This vehicle can be used to shunt rail vehicles.
T17	This vehicle can be marshalled within a train consist in a position consistent with its draw capacity and the train can operate under the control of track signalling and not under block working conditions. The train conveying these vehicles must operate under block working conditions when these vehicles are in the rear of the train.
T18	Vacant
T19	Special care must be taken when traversing track fitted with check rails or guard rails such as at points, crossings bridges, and at level crossings and in areas where there is high ballast shoulders, sleepers laid out, rail lubricators etc – maximum speed 3 km per hour. Special care to be taken when travelling on untamped /skeleton track to prevent guide wheel lift or climb. When travelling boom must be centred in line with travel direction and placed low as safely possible. Do not carry loads on boom when travelling using hi rail guide wheels. Extra care to be taken in areas such as high embankments, bridges and curved track when using hi rail guide wheels to ensure units remain on rail at all times. Reminder that operators daily inspection regime particularly noting guide wheel condition and operation applies. All operators of the unit to be competent and fully aware of the above details and any other operator requirements relating to use of the unit on track.
T20	This vehicle is restricted to a maximum speed of 5 km/h in both directions when traversing track fitted with check rails or guard rails such as at points, crossings, bridges and level crossings. Care must be taken in areas where there is high ballast shoulders, sleepers laid out, rail lubricators etc.

ABI Group - Track Maintenance Vehicles

CODE	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
151936	Pandrol Jackson Model 6700 tamper 70000	30	34.0	13.0		

Access Recycling - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
PN139		John Deere Timberjack road/rail log forwarder	20	28.5	11.5	T14	

ADW Excavation & Truck Hire - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
Unit 1		CAT 307C Road/Rail Excavator	20	7.210	6.8	T12	

Agile Arbor Pty Ltd - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
YOX221		Mitsubishi Canter hi-rail vehicle	30	7.5	6.7	T12	

AH Plant Hire - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
NAP363	33JR2172	Ford truck	30	7.0	6.8	T12	
PPU029	35HRTBE	Landcruiser H2J80	75	3.0	5.5	T12	
QTO831	33RR2754	Ford tray top w/ hiab crane	30	12.8	7.6	T12	
WAP716	33VR2584	Mitsubishi FK415F 3 way tipper	30	9.3	6.8	T12	
WBR287	33VR2662	Mitsubishi FK415F16 3 way tipper	30	9.3	6.8	T12	
WCL352	33VR2578	Mitsubishi FK415F 3 way tipper	30	9.3	6.9	T12,T14	
WIJ618	33VR2703	Mitsubishi FK417KS20 3 way tipper	30	9.3	7.1	T12,T14	
WKN213	35ZR7582	Toyota Landcruiser HZJ 75 table top	75	3.0	5.5	T12	
WNM598	33RR2751	Ford cargo table top truck with crane	30	13.1	8.3	T12	

All Terrain Forklift Hire - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
----	103255	Southwell Engineering elevated work platform Model ATV No.1	15		5.0	T12	

Australian Railway Historical Society – ACT Division - Track Maintenance Vehicles

CODE	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
BX057, BX058	Canron BE-PTC ballast regulator	50	9.5	8.0	T1, T4	
FTT220	Flat top trolley	40	0.5	2.2	T9	
FTT221	Flat top trolley fire fighting unit	40	0.5	2.2	T9	
PJ017,20	Plasser Mammot track jack	30	1.5	2.0		
SPV7	Trackman gang car	40	3	1.8		
SX090	Comeng Aresco tie crane	30	7	7.0	T1	Boom 9m long
SX102	Comeng tie crane	30				
TIV328	Volkswagon gang car	40	1.5	2.2	T9	
TIV329	Wisconsin gang car	40	0.5	1.6	T9	

Australian Rail Track Corporation Ltd - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
Various	Various	Toyota Landcruiser 79 series	70	3.7	6.1	T12	
Various	Various	Toyota Landcruiser 100 hi-rail	70	2.74	4.9	T12	Fitted with Aries Hy Railer equipment
EX100		Yanmar VIO75 road/rail excavator	20	9.0	6.6	T14,T20	HWR

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Track Maintenance Vehicle Data

EX101	Yanmar VIO75 road/rail excavator	20	9.0	6.6	T14,T20	HWR
EX102	Yanmar VIO75 road/rail excavator	20	9.0	6.6	T14,T20	HWR
EX103	Yanmar VIO75 road/rail excavator	20	9.0	6.6	T14,T20	HWR
EX105	Yanmar VIO75 road/rail excavator	20	9.0	6.6	T14,T20	HWR
Ex106	Yanmar VIO75 road/rail excavator	20	9.0	6.6	T14,T20	HWR
AO82HQ	Holden Rodeo cab chassis	70	2.9	5.8	T12	LWR
AO83HQ	Holden Rodeo cab chassis	70	2.9	5.8	T12	LWR
AQ87ZX	Holden Rodeo cab chassis	70	3.2	5.7	T12	LWR
AR63HP	Toyota Landcruiser 70 series tray back	70	3.9	6.0	T12	LWR
AT47AK	Holden Rodeo cab chassis	70	3.2	5.8	T12	LWR
AU43BG	Toyota Landcruiser station wagon	70	3.8	6.2	T12	LWR
AU44BG	Toyota Landcruiser workmate wagon	70	3.5	5.7	T12	LWR
BD31NJ	Toyota Landcruiser 100 series wagon	70	3.5	6.0	T12	LWR
BG57US	Toyota Landcruiser 76 series wagon	70	3.5	6.0	T12	LWR
BL48XA	Toyota Landcruiser LC76 wagon	70	3.5	6.0	T12	LWR
BN27FG	Toyota Landcruiser LC76 wagon	70	3.7	6.0	T12	LWR
BN28FG	Toyota Landcruiser LC79 ute	70	3.9	6.0	T12	LWR
UVT883	326284 Isuzu NPS300 dual cab hi-rail	50	6.0	6.1#	T12	HWR
XLX413	Toyota Landcruiser tray top 79 series	50	3.7	6.0	T12	LWR
XOU342	Toyota Landcruiser 76 series	70	3.6	6.0	T12	LWR
YRF485	R2-5217 Mitsubishi tray top truck FM 618	30	14.1	10.05	T14	

Australian Rail Track Corporation Ltd - Track Maintenance Vehicles

CODE	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
TP	Techniplan rail heaters	10#	3.5	6.9	T14	Nos 142,143,144,145 #speed in remote control mode 0.6 km/h. Unit out of gauge (width) in work mode at bottom corners. Operator care required.
TP168	Techniplan materials handlers	30	8.5	2.5	T14	HWB
TP169	Techniplan materials handlers	30	8.5	2.5	T14	HWB
438020	Fairmont tamper ride-on single head rail profile grinder	25	5.5	4.9	T14	HWB

Azbuild Pty Ltd - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
96649C	EX9	Yanmar Vi055 road/rail excavator	15	5.5	6.0	T14	
96651C	EX10	Yanmar Vi055 road/rail excavator	15	5.5	6.0	T14	
96646C	EX11	Yanmar Vi055 road/rail excavator	15	5.5	6.0	T14	
96650C	EX12	Yanmar Vi055 road/rail excavator	15	5.5	6.0	T14	
02708C	EX13	Yanmar Vi075 hi-rail excavator	20	10.1	6.7	T14	Operation within worksite only Fitted with Fessel hi-rail
09998C		Yanmar Vi055-5B hi-rail excavator	15	5.95	5.2	T12,T14	HWR
11020D		Yanmar Vi055-5B hi-rail excavator	15	5.95	5.2	T12,T14	HWR

Ben's Excavator Hire - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
YT01-02419		Kobelco SK70SR hydraulic excavator	2.5	7.5	4.1	T12,T14	Width 2.095 m
YT0305446		Kobelco SK70SR-E hi-rail excavator	20	9.2	6.5	T14,T20	HWR
74723-C		Kobelco SK100w wheeled excavator	15#	11.1	6.8	T14	#vehicle restricted to 5 km/h max in both directions when traversing check rails or guard rails at points, crossings, bridges & level crossings.

BHP - Track Maintenance Vehicles

CODE	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
234	Plasser 79.800W Tamping machine	60	33.4	12.8	T4	
331	Plasser PBR 201 Ballast regulator	50	22.5	10.2	T4	

Bowditch & Partners. - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
N/A	3100	Kobelco SK60-2 Excavator	10	5.8	5.9	T14	

Burnett Civil Pty Ltd - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
	3	Komatsu PC50MR-2 excavator	10	7.0	5.6#	T12,T14	HWR, # folded for travel
94282-C	Unit 15	Caterpillar CAT305C road/rail excavator	21	6.7	6.0	T20	LWR, width 1.98 m
	10	Komatsu PC50MR-2 excavator VIN 9217	10	7.0	5.6#	T12,T14	HWR, # folded for travel
	43	Morooka MST300 VDR dump truck	15	5.5	3.9	T12,T14	HWR, Unit out of gauge when side tipping.
	72	Cat 305D Road Rail Excavator	21	6.6	5.88 folded for travel	T14,T20	HWR

Caradel Hire - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
Unit 1878		Hitachi EX40U Road/Rail excavator	5	4.510	5.1	T12/14	
	2627 to 2632	Hyundai 55-7 road/rail excavator	5	6.5	5.9	T14	
	2823	Hyundai 55-7 road/rail excavator	5	6.5	5.9	T14	

Cement Australia Pty Ltd - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
SHX-14	N/A	Aresco Trak Chief truck placer	10 5#	5.0	4.3		# when coupled to a wagon. Only one wagon at a time to be coupled. Limit of operation between 179.062 and 179.305 on the Walsh Point line.

Centrogen - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
AF87FS	VMX-2	Mitsubishi Canter 4x4 road/rail tray top	60	5.5	6.7	T12	HWR (weed spraying unit)
AQ40PE	VMX-3	Mitsubishi Canter FG649 weed sprayer	30	6.0	7.2	T12	HWR

Coleman Rail - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
64318-C	EX-01	Cat M315 excavator	5	20.0	6.2	T14,T19	
70449-C	EX-02	Cat M315 excavator	5	20.0	6.2	T14,T19	
70450-C	EX-03	Cat M315 excavator	5	20.0	6.2	T14,T19	
N/A	EX-04	Wheeled excavator Cat M318	5	21.5	6.2	T14,T19	
N/A	EX-05	Cat M315 excavator	5	20.0	6.2	T14,T19	
70448-C	EX-06	Wheeled excavator M318	5	21.5	6.2	T12,T14	
RVM936	MV-12	Dual cab Mazda Hi-rail	20	6.0	7.2	T12,T14, T19	
WFB739	33N28 38	Kenworth Prime mover	30	17.7	7.4	T12	

Coleman Rail - Track Maintenance Vehicles

CODE	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
BR-01	Kershaw ballast regulator	25	12.0	8.0	T14	
HTT 152 784	Pandrol Jackson Model 6700 tamper	30	32.0	15.5		

Combined Chemicals & EVMS Co. - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
RBE-422	VMX1	Unimog 1250 weed sprayer	30	7.15		T12	

Daracon Plant Hire Pty Ltd. - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
3365		Yanmar VIO75-A road/rail excavator	25	8.4	6.2	T12,T14	
3366		Yanmar VIO75-A road/rail excavator	25	8.4	6.2	T12,T14	
3416		Yanmar VIO75 hydraulic excavator	20	8.9	6.6	T14	LWR, width 2.27 m
3432		Yanmar VIO75 hydraulic excavator	20	8.9	6.6	T14	LWR, width 2.27 m
3521		Caterpillar CAT316D wheeled excavator	20	19.0	8.7	T14,T20	HWR, Width 2.55 m

Earth Track Solutions - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
	W6A00981	CAT316D hi-rail wheeled excavator	15	19.8	19.8	T14,T20	HWR
	OW3H00715	CAT313D wheeled excavator fitted with hi rail guide wheels	5	16.2	5.0	T14,T19	HWR

EDI - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
WBS636	WT001	Hino FS270 6x4 weed spray truck	30	24.0	10.0	T12	HWR

EDI - Track Maintenance Vehicles

CODE	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
BR 001	Knox Kershaw KBR850 ballast regulator	65	18.2	11.2		HBW
BR 002	Knox Kershaw KBR850 ballast regulator	65	18.2	11.2		HBW
BR 003	Knox Kershaw KBR850 ballast regulator	65	18.2	11.2		HBW
BR 004	Knox Kershaw KBR850 ballast regulator	65	18.2	11.2		HBW
BR 005	Knox Kershaw KBR850 ballast regulator	65	18.2	11.2		HBW
BR 007	Knox Kershaw KBR850 ballast regulator	65	18.2	11.2		HBW
EX028	Atlas excavator	20	23.0	7.6	T12,T14	
RTC 3001	Plasser M393 crib compactor	30	20.2	8.6	T14	
RTH 3001	Tie handling crane	20	7.2	5.5	T12,T14	
RTH 3002	Tie handling crane	20	7.2	7.8	T12,T14	
RTM 3001	Pandrol Jackson 6700S switch tamper	60	32.0	13.3		HBW
RTM 3002	Pandrol Jackson 6700S switch tamper	60	32.0	13.3		HBW
RTM 3004	Spot tamper	20	7.8	5.5	T12,T14	
RTM 3005	Pandrol Jackson 6700S switch tamper	60	32.0	13.3		HBW
RRL 3002	Rail lifter	15	2.8	3.2	T12,T14	
RRL 3003	Rail lifter	15	2.8	3.2	T12,T14	
RSC 3001	Linear scarifier	10	6.7	3.9	T12,T14	
RTX 3001	Sleeper renewer	20	6.8	6.2	T12,T14	
RTX 3002	Sleeper renewer	20	6.8	6.2	T12,T14	
SW006	Pandrol Jackson 6700S switch tamper	60	32.0	13.3		HBW
S1001	Nordco Tripp tie remover & inserter	30	16.3	10.7		
TA006	Pandrol Jackson 6700S switch tamper	60	32.0	13.3		HBW
	Hydraulic spike driver	15	3.2	3.5	T12,T14	

Evans Deakin Pty Ltd. - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
BCP-629	TR111	Isuzu 6x6 truck with 2 t hoist	30	8.14		T12	
8BE-446	TR119	Isuzu 6x6 truck with 2 t hoist and elevating work platform	30	13.44		T12	
QCU-325	TR114	Isuzu 6x6 truck with elevating work platform	30			T12	
BEB-896	TR121	Isuzu 6x6 truck with 2 t hoist and elevating work platform	30	12.18		T12	
QCU-326	TR117	Isuzu 6x6 truck with elevating work platform	30			T12	
EWC-883	TR120	Isuzu 6x6 truck with 2 t hoist	30	8.14		T12	
BHY-140	TR116	Isuzu 6x6 truck	30	8.14		T12	
DSD-168	LR2484	Isuzu 6x6 truck with 2 t hoist	30	8.14		T12	
FVE-022	L2545	Isuzu 6x6 truck with 2 t hoist	30	8.14		T12	
QEY-281	TR112	Isuzu 6x6 truck with 2 t hoist and elevating work platform	30	13.44		T12	

Fessl Pty Ltd - Track Maintenance Vehicles

CODE	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
M54	8931 Fessl Ballast equaliser	50	26.5	14.0	T4	

Gaudron Vegetation Management - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
BA43AS		Mitsubishi Canter 4WD tipper	30	4.9	5.7	T12	LWR

Geomatic Technologies Pty Ltd - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
TEG770	N/A	Holden Rodeo twin cab utility hi-rail	60	2.8	5.3	T12	

Georges Loader Hire - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
	U35	C27395 Kubota KX 121-3 excavator	5	4.5	6.7	T14	
	U55	Yanmar V1050 Hi-rail excavator	15	5.7	6.7	T14	

Goldspring's Earthmoving Pty Ltd - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
	GS001	Komatsu hydraulic excavator	20	6.0	4.1	T12,T14	Width 1.92 m
	GS002	Kobelco SK60 hydraulic excavator	30	8.5	6.0	T12,T14	Width 2.75 m
	118	Komatsu PC128 UU-2 hi-rail excavator	20	16.0	8.0	T12,T14	
	146	On track trailer	20 empty 10 loaded	9.0	3.3	T14	See also Notes 1 to 4 below
	1	At all times the trailer is on rail and moved on rail (loaded or empty) it must be coupled to a rail wheel braked excavator fitted with the necessary compatible hydraulic lines to operate the braking system e.g. Komatsu PC 128UU-2 excavator plant number 118					
	2	Safety chains must be installed between the trailer and excavator at all times when the trailer is on rail.					
	3	Lights must be on at all times.					
	4	Trailer load not to exceed 26 concrete sleepers or equivalent load of total mass of 9 tonnes as above.					
	160	Yanmar Vio excavator ser no 12635	25	8.9	6.2	T14	Width 2.26 m
	161	Yanmar Vio excavator ser no 12621	25	8.9	6.2	T14	Width 2.26 m
	189	Yanmar V1075-A road/rail excavator	25	8.9	6.2	T12,T14	

Hardface Technologies - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
UAC-661		Landrover Defender twin cab	50	3.5	6.3	T12	

Harsco Track Technologies - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
378HYT	HT10	Isuzu FSS550 4x4 track straightener	30	10.0	7.5	T12	
886JUC	HTT12	Isuzu FSS550 4x4 rail straightener	30	10.0	7.5	T12	

Harsco Track Technologies - Track Maintenance Vehicles

CODE	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
FT3	Harsco tamper	35	16	9.2		
FT9	Harsco rail bending machine	25	6.0	5.4		
HTT14	Komatsu PC50 excavators	15	6.0	6.7	T14	
HTT16	Komatsu PC50 excavators	15	6.0	6.7	T14	
U50	11071B Komatsu PC50UU-2E	15	6.0	6.7	T14	

Hinton Engineering - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
	HIN006	Rosenquist CD500 Pandrol fast clip	15	4.5	4.9	T14	LWR, Width 2.38 m.
	HIN007	Rosenquist CD500 Pandrol fast clip	15	4.5	4.9	T14	LWR, Width 2.38 m.

Howell Contractors - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
1		Mitsubishi FV415 hi-rail wheeled excavator	20	21.5	6.2	T12,T14	
2		Hyundai hi-rail wheeled excavator 140W-7	20	21.5	6.2	T12,T14	
4,5,6		Cat 316 hi-rail wheel excavator	20	21.5	6.2	T12,T14 ,T19	

Infracore - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
INF007	n/a	Mitsubishi FM515M table top truck with crane	30	14.3	10.0	T12	HWR
INF008	n/a	Isuzu FVR950 table top truck	30	16.0	9.0	T12	HWR
INF010	n/a	Mitsubishi FM618 3 way tipper with crane	30	13.5	7.8	T12	HWR
INF011	n/a	Isuzu FSR500 dual cab tipper	30	15.0	7.2	T12	MWR
INF012	n/a	Isuzu FVR550 long table top truck with crane	30	10.4	8.4	T12	HWR
INF013	n/a	Isuzu FRR550 long table top truck with crane	30	10.4	8.4	T12	HWR
INF014	n/a	Isuzu FSS550 4x4 truck with cherry picker	30	10.4	7.5	T12	MWR

Integrated Land Management Services Pty Ltd - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
BG73UB		Toyota Land cruiser ute	50	3.8	5.8	T12	LWR

John Holland - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
RQF232	32036	Case back hoe with guide wheels	15	8.8	5.7	T14	Rail guide wheels fitted to bucket
Not reg.	41702	Trailer for UGM Rail grinder	30	8	6.0		Note 326118 is designed to operate with 41702 & 41703
AC92ET	240435	Toyota Landcruiser	50	4.5	5.6	T12	
323064		Yanmar VIO80 road/rail excavator	15	9.7	7.1	T14	HWR
1AXE294	326118	Volvo FL10 prime mover for UGM Rail Grinder	30	30	11.1		
PXG106	326106	Mitsubishi hi-rail tip truck	30	11.0	6.9		
RYT380	326171	Isuzu NPS300 dual cab hi-rail	50	6.2	6.5	T12	
SCT856	326174	Mitsubishi Canter D/cab 4WD tray top	30	6	7.0	T12	
TLK310	326239	Isuzu NPS400 dual cab hi-rail	50	6.2	6.5	T12	
TLK311	326241	Isuzu NPS400 dual cab hi-rail	50	6.2	6.5	T12	
1CGS024	326265	Isuzu NPS300 dual cab hi-rail	30	6.0	7.0	T12	6.1 m long in travel mode
ULV063	326266	Isuzu NPS400 dual cab hi-rail	50	6.2	6.5	T12	
ULV064	326267	Isuzu NPS400 dual cab hi-rail	50	6.2	6.5	T12	
	341076	Pettibone Hi-rail Rail Handling Slewing Crane	25	13.3	6.8	T14	
	341083	Cat M315 Road/rail excavator	5	17.0	11.0	T14	
	341084	Cat M315 Road/rail excavator	5	17.0	11.0	T14	
	424007	Techniplan Fastclipper	15	1.25	2.4	T14	
	424008	Techniplan Fastclipper	15	1.25	2.4	T14	
	424009	Techniplan Fastclipper	15	1.25	2.4	T14	

John Holland - Track Maintenance Vehicles

CODE	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
TR6	Pony track laying machine	40	48.6	26.7	T2,T17	Drawbar capacity 80 t. For conditions of operation see notes in SECTION 9 – Operation of Track Maintenance Vehicles
RG07	32 Stone Rail grinder	70	167.5	45		See Notes 1 to 7 below
RG9	48 stone rail grinding consist	80	335	76		Fuel load of support vehicle must be maintained at a minimum of 3500 litres at all times.
PZLF-0001W	Maintenance Car	70	50	16		See Notes 1 to 7 below
PZLF-0002X	Water Tank Car	70	76	15		See Notes 1 to 7 below
PZLF-0003R	Crew car	70	35	12.7		See Notes 1 to 7 below

1. The grinder consist must operate under block working conditions.
2. This grinder consist is **out of gauge** and in order to clear infrastructure obstacles such as platforms, infrastructure personnel in charge of the operation will be required to negotiate with Train Control for a suitable path and route around such obstacles.
3. A RIC civil representative must accompany the grinder consist on the first journey through an area and guide the vehicles through infrastructure obstacles. At all structures, including angle bracing on signals, the grinder consist should be stopped and clearances checked before proceeding.
4. The grinder consist must be stationary when being passed by other traffic in dual track areas.
5. The grinder consist shall not be passed by other traffic if the vehicle is moving or is stationary on a track curvature of 400 metres or less.
6. Whilst operating on a work site in dual track areas, the vehicle shall cease operations when there is the likelihood of passing traffic. Infrastructure personnel shall ensure there is adequate clearance for a passing movement or in the case of Item 5 above, the vehicle is to be moved to a safe location clear of the curve, before such a movement takes place.
7. During passing movements the maximum speed for passing the stationary grinder consist shall be 30 km/hr for both passenger and freight traffic.

32029	International Tractor	10	5.5	5.1	T16	
41106	Aresco ballast regulator	10	15	9.0	T14#	
41108 TM015	Plasser USP3000C ballast regulator	80	28.5	15.1		
41112	Plasser PBR201C ballast regulator	80	19.3	11		
41113	Plasser PBR201 ballast regulator	50	19.6	9.4		with broom
41115	Plasser PBR201 ballast regulator	50	14.1	7.7		
41116	Plasser PBR201C ballast regulator	30	20.0	11.2		
41119	Tamper BE-VR Ballast regulator	50	12	7.4		
	1. This vehicle is out of gauge in width and therefore must be stationary when being passed by other traffic in dual track areas.					
	2. This vehicle shall not be passed by other traffic if the vehicle is moving or is stationary on a track curvature of 400 metres or less.					
	3. Whilst operating on a work site in dual track areas, the vehicle shall cease operations when there is a likelihood of passing traffic. Infrastructure personnel shall ensure there is adequate clearance for a passing movement or in the case of item 3 above, the vehicle is to be moved to a safe location clear of the curve, before such a movement takes place.					
	4. During passing movements the maximum speed for passing the stationary ballast regulator shall be 30km/h for all other trains.					
41134	Plasser SSP305 ballast regulator (M518)	80	69.0	29.1		HWB
41135	SSP-110 ballast regulator	80	37.0	15.6		See remarks for 09-32 (41264)
41206	Tamper	10	18	9.4	T14#	
41217	Plasser Beaver 79-800W tamper	50	36	13.7	T4	
41219	Plasser 08-16B tamper	80	32	14.2		
41224	Plasser 08-16B ballast tamper	80	32	14.4		
41225 TM020	Plasser 09-32 ballast tamper	80	72.0	27.6		Trailing not to exceed 72 t
41228	Plasser 08-475/4s tamper	80	78.0	28.2		A second authorised person must be located in the driving cab and have the capability to bring the machine to a stand in the case of an emergency.
41229	Plasser Mainliner 07-16 ballast tamper	80	38.0	18.2		May be coupled to another vehicle for emergency towing only - not to be placed in a train consist.
41230	Plasser 07-275 ballast tamper	80	38.0	18.2		May be coupled to another vehicle for emergency towing only - not to be placed in a train consist.
41263	Plasser 09-3X dynamic tamper stabiliser	80	160.0	39.9	T2	HWR, Max trailing load 70 t. Unit to be arranged in travel mode at all times (outside worksite).
41264	09-32 Tamper	80	74.0	27.6		Must not operate with trailer leading. Must be coupled to SSP-110 (41135) for transfer movements.
41402	Spot tamper	15	5.5	5.0	T14	
41404	Tamper Vibratool spot tamper	25	6.0	5.0	T14	
41405	Tamper Vibratool spot tamper	15	7	5.2	T14	
42116	Comeng linear scarifier	15	3.5	4.3	T14	
42205	Tamper tie crane	25	5.5	9.7	T14	
42206	Comeng/Aresco tie crane	15	5.5	9.7	T14	
42207	Tamper tie crane	25	5.5	9.7	T14	
42303	Combo sleeper scarafier	10	5.1	3.9	T14	
42304	Gemco tie extractor & scarafier	15	5.3	3.9	T14#	
42312	Gemco tie extractor	15	3.3	2.7	T14#	
42110	Comeng scarifier	10	3.5	4.0	T14	
42113	Comeng linear scarifier	15	3.5	4.3	T14	Out of gauge below platform height. Operator caution required.
42318	Tamper TR10 Sleeper extractor	25	15	9.9	T14+	
42319	Comeng high speed sleeper renewer	15	4.0	4.5	T14	
42320	Tamper TR10 Sleeper extractor	25	15	9.9	T14+	
42322	Comeng high speed sleeper renewer	15	4.0	4.5	T14	
42323	Comeng high speed sleeper renewer	15	4.0	4.5	T14	
42324	Comeng high speed sleeper renewer	15	4.0	4.5	T14	
42332	Comeng high speed sleeper renewer	15	4.0	4.5	T14	
42515	Dual head hydraulic spike driver	15	4.0	5.3	T14	
42637	Nordco Grabber spike puller 419	30	5.8	3.9		HWB
42708	Materials distribution unit	5	1.0	2.6	T14	Motorised cart for track jewellery
43521	Comeng/Aresco multi spindle borer	15	6.0	5.0	T14	
45201	Ballast wagon	25	6.0	5.9	T14	
45202	Ballast wagon	25	6.0	5.9	T14	
45501	Gemco rail lifter	15	1.5	3.5	T14	
45502	Gemco rail lifter	15	1.5	3.5	T14	
45503	Gemco rail lifter	15	1.5	3.5	T14	
45504	Gemco rail lifter	15	1.5	3.0	T14	
45506	Gemco rail lifter	15	1.5	3.0	T14	
411001	Plasser SSP303 ballast regulator (M519)	80	69.0	28.0		HWB
412001	Plasser 08-475/4s tamper	80	69.0	31.3		HWB

These vehicles are out of gauge on vehicle width below platform height. Caution must be exercised by operators for obstacles in this area.

+ These machines may be passed by other trains on adjacent lines, at a speed not exceeding **30km/hr**. The machine **must be in the stationary non operable condition** with all its hydraulics folded in the narrow position.

This machine may pass other stationary trains located on adjacent lines at a speed not exceeding 25km/hr.

Kingston Industries Pty Ltd - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
	901	Yanmar Vi075-3 Hi-rail excavator 10957B	25	8.9	6.2	T14	Fitted with Melrose hi- rail
	902	Yanmar Vi075 Hi-rail excavator 11075	20	8.9	6.2	T14	Fitted with Melrose hi- rail
	904	Yanmar Vi075 Hi-rail excavator 11032B	20	10.1	6.7	T14	Fitted with Fessel hi-rail
	926	Hyundai 55-7 road/rail excavator	20	6.5	5.9	T14	
	927	Hyundai 55-7 road/rail excavator	20	6.5	5.9	T14	
70990C	929	Sumitomo SH75X-3 road/rail excavator	23	8.4	6.0	T12,T14	Width 2.32 m
74711-C	930	Yanmar Vi055-5 road/rail excavator	23	6.7	6.1	T12,T14	
	937	Komatsu PC60 excavator	10	7.4	5.8	T14	Not to work under OHW
KPH058	958	Mitsubishi Fighter 10 Traytop with crane	30	16	8.9	T12	
82068-C	964	Yanmar Vi055-5 road/rail excavator	23	6.2	6.3	T12,T14	
85265-C	969	Yanmar Vi055-5 road/rail excavator	20	6.5	5.5	T12	
WRQ392		Toyota Landcruiser 75 twin cab tray top	50	3.0	5.5	T12	

Kuipers Earthmoving Pty Ltd - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
N/A	Unit 1	Yanmar V1035 – 2 Excavator	5	3.950	5.0	T14	
	Unit 2	Bobcat 331D Road/rail excavator	5	3.273	4.5	T14	
	Unit 3	Komatsu PC40MR road/rail excavator	5	4.9	5.1	T14	
	Unit 4	Komatsu PC40MR road/rail excavator	5	4.9	5.1	T14	
	Unit 5	Komatsu PC40MR-2 road/rail excavator	5	4.9	5.1	T14	
	Unit 6	Komatsu PC40MR-2 road/rail excavator	5	4.9	5.1	T14	
	Unit 7	Bob Cat H35 Road/rail excavator	5	4.8	5.1	T14	

Laing O'Rourke - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
	A0405041	Caterpillar Rega 305 CR excavator	10	5.7	5.5	T14	
	A0405042	Caterpillar Rega 305 CR excavator	10	5.7	5.5	T14	
	A0405043	Caterpillar Rega 305 CR excavator	10	5.7	5.5	T14	
	A0405049	Caterpillar Rega 305 CR excavator	10	5.7	5.5	T14	
AD08AV		Hi-rail truck Isuzu FVR-950-tipper	30	16	8.7	T12	
AP61LS	n/a	Isuzu FVZ1400 6x4 tray top with crane	30	24.0	10.9	T12	HWR
AP62LS	n/a	Isuzu FVZ1400 6x4 tray top with crane	30	24.0	10.9	T12	HWR
	EXRM004	Caterpillar 308DCR road/rail excavator	15	9.4	7.0	T14	HWR
	EXRM005	Caterpillar 308DCR road/rail excavator	15	9.4	7.0	T14	HWR
	L0010	Terex front end loader with backhoe	15	8.3	7.4	T14,T20	HWR
	PCR012	Hi-rail Pettibone speed swing	15	31.7	7.9	T14	HWR
	RRT1	Trailer, Philmor, hydraulically braked	16	22.9	5.2	T12,T14	
	RRT2	Trailer, Philmor, hydraulically braked	16	22.9	5.2	T12,T14	
	RRT3	Trailer, Philmor, hydraulically braked	16	22.9	5.2	T12,T14	
	RRT4	Box trolley, non powered	15	2.5	2.5	T14	Width 2.0 m
	RRT5	Box trolley, non powered	15	2.5	2.5	T14	Width 2.0 m
	RRT6	Box trolley, non powered	15	2.5	2.5	T14	Width 2.0 m
	RRT7	Box trolley, non powered	15	2.5	2.5	T14	Width 2.0 m
	RRV1	Doosan Solar 140WV hi-rail excavator	20	22.5	5.0	T12	
	RRV2	Doosan Solar 140WV hi-rail excavator	20	22.5	5.0	T12	
	RRV3	Doosan Solar 140WV hi-rail excavator	20	22.5	5.0	T12	
WJT-647	1907	Toyota Hino 7T with scissor lift	30	10.94		T12	
RUZ-375	1981	Hino	30	8.2	10.0	T12	
TCZ-857	2000	Isuzu	30	6.5	8.9	T12	
	8096	Pettibone	20	14	4.0	T14	
TAU-077	8175	Mitsubishi FM tray top	30	14	14.0	T12	
TIL-294	8306	Isuzu	30	7.85	9.6	T12	
TIL-318	8307	Isuzu TT	30	7.68	9.5	T12	
	8600	Pettibone	20	14	4.3	T14	
	8898	JLG Boomlift 34HA	6	6	5.1	T12	Slewing pin must be engaged and jib fully retracted when travelling
UKJ-747		Mitsubishi Canter 4WD	30	5	7.0	T12	
UJX-595		Mitsubishi Canter 4WD	30	5	7.0	T12	

Laing O'Rourke - Track Maintenance Vehicles

CODE	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
179*8931	Aresco car shunter				T16	
8783	Tamper Mark 3 B stitch tamper		30.0	12.5		
A0403065	Fast Clip Clipping machine	12	3.5	3.7	T12,T14	Not to work under OHW
BTL01	Pony express track layer	80	57.0	27.6	T17	For conditions of operation see notes in SECTION 9 – Operation of Track Maintenance Vehicles
BTL02	Plasser tracklayer SVM1000 The following operating conditions apply: 1. Where the length of the hauling train does not exceed 20 wagons, the SVM 1000 track layer must be marshalled as the last	50	84	27.0	T2,T17	

vehicle. In this case the SVM 1000 **must have brakes cut in and operational**. For the purposes of this note and note 2 below, any multi-pack wagons included in the hauling train consist, shall be counted as the number of platforms. For example, a 5 pack wagon shall be counted as 5 wagons.

2. Where the hauling train exceeds 20 wagons in length (See note 1 above), the SVM 1000 must be marshalled as follows:

Locomotives

Train

SVM 1000 Track Layer (Brakes cut out)

3 Match trucks of minimum mass 17 tonnes each.

(This requirement is due to the SVM 1000 having a low sensitivity to changes in brake pipe pressure. The sensitivity decreases as the train length increases.)

The air brake and hand brake must be cut in and fully operative on all match trucks. The brake pipe must be continuous throughout the train.

The total unbraked mass of the hauling train, including the mass of the SVM 1000 track layer, shall not exceed 10% of the total train mass.

BTM01	Plasser 09-32 CSM Tamper	80	69	27.4		Trailing load not to exceed 69t Not to work under OHW
BTM02	Harsco BE-AD Ballast regulator	80	18	10.1		Not to work under OHW
BTM06	Jackson 6700 Point Tamper	50	31.7	14.8		Not to work under OHW
BTM07	Pandrol Jackson 6700 stitch tamper	30	30.2	14.2		
BTM09	Tamper ESTR Mark 3	30	30	13.7	T8	
BTM12	Mkii torsion beam tamper (No.22)	30	22	14.5		Not to work under OHW
BTM14	Tamper ballast regulator	55	15.0	9.0		
BTM15	Tamper ballast equaliser	30	11.5	7.5		
BTM16	Canron ballast regulator		13	7.6		
LEM001 to 008	LEM460 powered lifting trolley	6	24.2	3.5	T14	HWR, When on rail PEM807 must be coupled between the LEM460 units.
PEM001 to 008	PEM807 turnout gantry crane	6	24.0	2.1	T14	HWR, When on rail PEM807 must be coupled between the LEM460 units.
TAMP030	Pandrol Jackson Model 6700S tamper	30	31.8	15.9		
TRIP001	Nordco tripp tie remover and inserter	15	17.3	10.7	T14	HWB
TRIP002	Nordco tripp tie remover and inserter	15	17.3	10.7	T14	HWB
REG006	Knox Kershaw KBR ballast regulator	60	16.0	12.4		HWB
REG007	Knox Kershaw KBR ballast regulator	60	16.0	12.4		HWB
REG010	Knox Kershaw KBR ballast regulator	60	16.0	12.4		HWB

Land Management Systems Pty Ltd - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
TVU241	25	Isuzu NQR450 tipper	30	8.7	&.1	T12	Can be set up to work with rail grinding equipment.

Leidan Excavations Pty Ltd - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
58243-C	173	Cat 307C Road/rail excavator	20	9.1	6.6	T12,T14	

Leighton Contractors - Track Maintenance Vehicles

CODE	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See below	REMARKS
DR 73112	Plasser 09-3X Dynamic Tamper	80	129.5	34.2		

Notes

1. This vehicle must operate as a leading vehicle when travelling in convoy with other infrastructure vehicles

Leighton Contractors - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
EX2023		Komatsu PC138 hi-rail excavator	15	18.9	7.3	T12,T14	HWR
EX2024		Doosan DX160 hi-rail excavator	15	23.6	7.3	T12,T14	HWR
EX2025		Doosan DX160 hi-rail excavator	15	23.6	7.3	T12,T14	HWR

LRD Haulage - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
LL-226	184	Mack MBR600 cement mixer	15	22.2	7.8	T12,T14	
LL-663	199	Mack MBR600 cement mixer	15	22.2	7.8	T12,T14	

M & J Trading Pty Ltd - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
XXM771	193	Hino FD176 tray Top	30	8.770	8.9	T12	
YOS368	145	Mitsubishi FM515 Tray Top	30	13.900	8.8	T12	

McConnell Dowell - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
	RRC273	Doosan hi-rail excavator mobile flash butt welder	8	32.0	10.0	T14	HWR See additional notes 1 - 3 below
	1.	Specific rail interface operating procedures apply to the use of this machine when on rail covering positioning on to rail, travel mode on rail and work mode on rail – see operator’s manuals.					
	2.	Special care must be taken when traversing track fitted with check rails or guard rails such as at points, crossings, bridges and at level crossings and in areas where there are high ballast shoulders, sleepers laid out, lubricators etc – maximum speed 3 km/h.					
	3.	All operators of these units must be competent and fully aware of the above details and any other operator requirement relating to the use of this unit on rail.					
	015/048	Hitachi ZX170W-3 hi-rail excavator	20	19.0	9.5	T14	HWR See additional notes 1 & 2 below
	015/049	Hitachi ZX170W-3 hi-rail excavator	20	19.0	9.5	T14	HWR See additional notes 1 & 2 below
	1.	Special care must be taken when traversing track fitted with check rails or guard rails such as at points, crossings, bridges and at level crossings and in areas where there are high ballast shoulders, sleepers laid out, lubricators etc – maximum speed in the forward direction 15 km/h and 5 km/h in the reverse direction.					
	2.	When travelling, the boom must be centred in line with the travel direction and placed as low as safely possible. Loads must not be carried on the boom when travelling using hi-rail guide wheels.					
SR/VIN 153612	040/323	Harsco tamper	30	32.0	15.9		HWB, Out of gauge in working mode
	004/375	Toyota Landcruiser ute hi-rail	30	3.8	6.0	T12	LWR
	004/376	Toyota Landcruiser ute hi-rail	30	3.8	6.0	T12	LWR

McKay Earthworks - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
	114	UD 6x4 hi-rail tipper	20	26.0	8.4	T12	HWR
	119	UD 6x4 hi-rail tipper	20	26.0	8.4	T12	HWR
	120	UD 6x4 hi-rail tipper	20	26.0	8.4	T12	HWR
	192	Yanmar rubber track hi-rail excavator	5	5.5	5.6	T12	HWR
	195	CAT316 rubber tyred excavator with hi-rail guide wheels	5	18.0	8.4	T14,T19	HWR
	198	CAT316 rubber tyred excavator with hi-rail guide wheels	5	18.0	8.4	T14,T19	HWR
	285	CAT316 rubber tyred excavator with hi-rail guide wheels	5	18.0	8.4	T14,T19	HWR
	297	Yanmar rubber track hi-rail excavator	5	5.5	5.6	T12	HWR
	969	Yanmar rubber track hi-rail excavator	5	5.5	5.6	T12	HWR

Matts Contracting - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
	Unit 1	Yanmar Vio 50 road/rail excavator	15	5.0	5.9	T12,T14	

Maxwell, Robinson & Phelps - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
7FC-567		Toyota Dyna	30	7.8		T12	
9GF-174		Hino Hawk FD Weed sprayer	30	16	7.8	T12	

Melpro Hire- Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
	Unit 2	Komatsu Excavator	5	4.4	5.1	T14	

Melrose Mobile Hydraulics- Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
	Unit 1	Komatsu PC45R Road/Rail excavator	5	4.7	3.5	T14	
	Unit 2	Hyundai 55-7 road/tail excavator	5	5.7	5.9	T14	
42505C	Unit 4	Yanmar V1090-2 excavator	5	4.6	5.5	T14	
BNH71X	Unit 10	Nissan Patrol cab chassis with tray	30	3.4	5.6	T12	LWR

MJK Earthmoving Pty Ltd- Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
n/a	Unit10	Caterpillar CAT305CCR road/rail excavator	15	7.0	6.0	T14,T20	LWR, width 1.9 m

MKB Contracting- Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
AY44AW	n/s	Isuzu tray top truck with crane	30	15.0	9.8	T12	HWR
YQX783	n/s	Isuzu dual cab tipping truck	30	9.0	7.2	T12	HWR
YXB731	HRT2	Mitsubishi 3 way tipping road/rail truck	30	16.0	6.6	T12	HWR, exhaust scrubber
ZHM116	n/s	1993 Hino Agitator truck	30	9.7	6.7	T12	HWR
ZIP632	HRT3	Mitsubishi 3 way tipping road/rail truck	30	16.0	6.6	T12	HWR, exhaust scrubber

Momentum Rail- Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
AU55DA		Hino FD hi-rail vehicle	30	10.4	9.4	T12	HWR

Montgomery Rail- Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
	VIN JK6CGB04700003275	Hitachi excavator ZX170W-3 fitted with hi-rail guide wheels	10	18.0	8.7	T14,T19	HWR
	VIN JK6CGB0490000	Hitachi excavator ZX170W-3 fitted with hi-rail guide wheels	10	18.0	8.7	T14,T19	HWR
	VIN JK6CGB0490003	Hitachi excavator ZX170W-3 fitted with hi-rail guide wheels	10	18.0	8.7	T14,T19	HWR
	VIN JK6CGB04900003652	Hitachi excavator ZX170W-3 fitted with hi-rail guide wheels	10	18.0	8.7	T14,T19	HWR
	VIN JK6CGB04900003807	Hitachi excavator ZX170W-3 fitted with hi-rail guide wheels	10	18.0	8.7	T14,T19	HWR

MRX Technologies- Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
7LZ297		Daihatsu Delta 3400 dual cab truck	30	6.0	7.4	T12	Rail defect measuring vehicle

Multicon - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
QXY856		Mitsubishi Canter Tray Top	30	6.0	7.2	T12	
QYK375		Isuzu FSR5WF Dual cab tipper	30	9.3	6.9	T12	
WVE909		Isuzu NPR 300 Dual cab traytop	50	4.5	6.5	T12	
XSD844		Isuzu FSR 550 Single cab tipper	30	9.5	8.0	T12	
YCT397		Isuzu FSR 500 Crew cab Tipper	30	9.5	7.3	T12	
	Unit 4	Hanix 550SL excavator	5	5.5	5.0	T14	

Multispray - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
AD70CY		Toyota Landcruiser 75 twin cab tray top 4x4	50	3.3	5.6	T12	

MVM Rail - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
	EX0015	Doosan DK140W hi-rail excavator	10	17.5	6.9	T10,T20	HWR
	FBW-02	VAIA Car Spark rail flash butt road/rail welder	24	26.2	7.6	T12,T14	see notes 1 & 2
Notes							
1. Rail wheel driving hub set up							
2. Skip mechanism for control of flash butt welding head MUST NOT be raised in the vicinity of overhead structures							

MVM Rail - Track Maintenance Vehicles

CODE	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
CS-1	Tamper ballast compactor	30	12.4	6.0		
EXC6	Atlas excavator	20	22	7.0	T14	
EXC7	Atlas excavator	20	22	7.0	T14	
EXT1	Gemco sleeper extractor/insertor	15	3.5	3.1	T1,T14	Not to work under OHW
REG2	Kershaw 26-2-1 Ballast regulator	30	12	8.4		
RG8006	Kershaw 46-2 ballast regulator	30	17.8	11.1		HWB
TC1	Tamper tie crane	15	5	9.0	T1,T14	Not to work under OHW
TM3	Tamper ballast regulator BEB17	30	15.5	9.1		
TM8008	Pandrol Jackson 6700S tamper	30	32.5	16.0		HWB, Out of gauge in working mode
TMP2	Plasser Beaver 800 tamper	30	27.5	15.1		
TMP3	Harsco tamper Mk 3	30	32.0	14.9		
TMP4	Fairmont tamper junior	10	10	9.0	T1,T14	Not to work under OHW
TMP5	Harsco tamper Mk 3	30	30.0	15.2		
TMP6	Harsco tamper HTT3201	30	46.0	17.0		
TMP06	2846 Plasser 09-32 tamper	30	76.0	27.8		HWB
U1	Structon ballast undercutter KGM3	10	9.25	8.8	T14	Pick & spoil elevators must be retracted before other vehicles may pass.
4	Matissa ballast regulator	30	32.0	12.8		

Nationwide Hire - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
AI75RT	175	Isuzu FTR 900 hi-rail tipper	30	15	9.5	T12	
AJ36EN	176	Isuzu FTR900 hi-rail tipper	30	15	9.5	T12	
JUX586	TI407	Pettibone rail crane	15	11.5	4.2	T14	

Napier Constructions - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
VHR763	03	Isuzu dual cab tipper with crane	20	6.2	6.3	T12	
AA65RH	14	Isuzu 950 hi-rail crane with long tilt tray truck	30	16.0	11.1	T12	
ZBN235		Isuzu FVZ 6x4 Tilt tray Road/rail truck	30	24.0	11.060	T12	

Non-Destructive Excavations Australia Pty Ltd - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
AW58AO	003	Hino vacuum excavator	30	13.0	8.8	T12	HWR, Width 2.35 m.

Norris Track Pty Ltd - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
n/a	NT5	Caterpillar CAT305 road/rail excavator	10	5.0	5.4	T12,T14	LWR, Width 1.8 m
BC57TS	n/a	Toyota Landcruiser hi-rail	50	3.8	5.9	T12	LWR, Width 1.8 m

O'Halloran Management Services - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
YTT262	N/A	Isuzu 750 tipper with crane	45	18.0	7.800	T12	

On Track Services Australia Pty Ltd - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
	H02	Komatsu PC75 Hi rail excavator	15	12.1	6.5	T14	
	H03	Komatsu PC50 hi-rail excavator	15	12.1	6.5	T12,T14	
	H04	Komatsu PC50 hi-rail excavator	15	6.0	6.7	T12,T14	Unit has extendable width tracks. Operator care required when tracks extended.
ZJJ-999	JHDFD1 64LXXX 10741	Hino Hi-rail 3 way tipper	30	9.5	7.3	T14	

P&C Excavations - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
	1023	Komatsu PC138 Hi rail excavator	15	13.48	7.26	T12,T14	HWR - Harry built hi-rail set up
	2309	Komatsu PC138 Hi rail excavator	15	13.48	7.26	T12,T14	HWR - Harry built hi-rail set up
	26737	Komatsu PC138 Hi rail excavator	15	13.48	7.26	T12,T14	HWR Melrose built hi-rail set up
WQL-680		Freightliner Hi rail Tipper Truck	10	24.0	3.3	T12,T14	HWR - G & B hi rail gear
WYZ-584		Freightliner Hi rail Tipper Truck	10	24.0	3.3	T12,T14	HWR - G & B hi rail gear
QXF-336		Freightliner Hi rail Tipper Truck	10	24.0	3.3	T12,T14	HWR - G & B hi rail gear

Pasucross Pty Ltd - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
	22436	Komatsu PC58UUX excavator	10	6.5	5.6	T14	

Plumton Pty Ltd - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
NOW 251		Road/rail gradall	15		8.8	T14	

Queensland Rail - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
861JAM	RRV0698	Holden Rodeo tray top hi-rail	50	2.9	5.6	T12	
BC24JO	RRV790	Isuzu FSR850 fitted fire fighting equipment	60	14.0	9.4	T12	HWR
BC82DP	RRV789	Mitsubishi Canter fitted with rail recording equipment for grinding operations	80	7.5	8.3	T12	HWR

Queensland Rail - Track Maintenance Vehicles

CODE	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
MMA73	Pandrol Jackson Model 6700S Switch and production tamper	30	34.5	13.3		
MMB25	Harsco ballast regulator	30	13	9.3		
MMB061	Knox Kershaw KBR925 ballast regulator	30	20.0	11.1		HWB
MMK20	Harsco sleeper crane	20	9.0	3.4	T14,T15	
MML85	Harsco MBTX sleeper renewer	20	6.45	4.1	T14,T15	
MMY034	Rail Grinding unit (Reg No RG331)	80	898.0	211.6	T3	HWR See notes 1-7 below
1.	Maximum speed 80 km/h as above or any lower speed as determined by applicable line speed for S2 class locomotive category.					
2.	When travelling uncoupled with other vehicles in a convoy and grinder is the leading vehicle the maximum speed is 60 km per hour. No other equipment or vehicles must be ahead of this unit.					
3.	When travelling/operating uncoupled with other vehicles in a convoy and grinder is NOT leading the maximum speed is 5 km per hour— i.e. when in grinder operating mode.					
4.	This vehicle can be coupled to the rear of a train consist or loco hauled. No other vehicles are to be coupled behind this grinder in the train.					
5.	Maximum speed of grinder when coupled to rear of a train consist or loco <ul style="list-style-type: none"> • 80 km/hr when coupled from the FCC end (Front Control Car) • 30 km/hr when coupled from the Caboose end 					
6.	Maximum speed on 1 in 30 grade 10 km/hr.					
7.	Multiple pass-bys adjacent to residential premises must be minimised. Note in this instance a "pass by "is defined as one movement in each direction per 24 hour period.					

Rail Infrastructure Corporation - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
		Case 580D backhoe	10			T12	
NIS555	BW054	Case 580E backhoe	10	5.17	6.150	T14	Bucket of this machine must be in the fully stowed position when not in use.
	BX082	JCB 3CX Backhoe with sleeper grab	15	10.500	6.300	T12	
42534-C	BX083	JCB 3CX Backhoe with sleeper grab	15	10.500	6.300	T12	
RNA607	T1627	Case 885 XL tractor with bucket kit.	10	3.7	6.030	T14	
QH922	T1697	Clark Bobcat 2400 Skid steer loader	10	4.72	5.460	T14	Plough assembly must be in fully raised position when not in use
WKQ701	T1702	Clark 853 Skid steer loader	10	3.1	4.270	T14	
* The frame supporting the brooms, and the outer most broom discs, including the bristles are foul of the bottom corners of the narrow and non electric rolling stock outline. Caution must be exercised by operators for obstacles in this area.							
		Gradall 660C excavator	30			T12	
		Hino FS270 6x4	50	2.4	9.860	T12	
		Hino Raven FE3HGL-Q3	40	13.5	7.500	T12	
		Hino tipper	30			T12	
		Isuzu FTS750 truck	50	13.0	8.100	T12	
		Merceded Unimog OHW vehicle	30	8.8	5.800	T12	
		Mitsubishi Canter	30	4.49	5.600	T12	
		Pettibone Mag 444B rail handling crane				T12	
		RFW OHW vehicle	40			T12	
MWP657	DF198	Thwaites 4000 dumper	10	4.0	4.050	T14	
		Toyota Coaster bus	30			T12	
		Toyota Dyna 200	70	4.4		T12	
		Toyota Hi-lux	50	2.73	5.230	T12	
		Toyota Hi-lux	60	2.73	5.230	T12	
		Toyota Landcruiser HZJ75	75	3.035	5.500	T12	
		Toyota Landcruiser HZJ80	75	3.035	5.500	T12	
UWQ-051		Ford Courier twin cab ute	50	2.47		T12	
VCG-826		Mitsubishi FM618 table top	30	13.5		T12	Not to operate between Fassifern and Newcastle
XKH	R13217	Mitsubishi Canter	60	5.5	6.400	T12	
XKP591		Ford Courier twin cab ute	50	2.47		T12	
XKP592		Ford Courier twin cab ute	50	2.47		T12	
XXP938	R25193	Mitsubishi FM657 Tipper	50	15	7.700	T12	
Various		Land Rover	70	3.5	5.700	T12	
PHX6	PHX69	Techniplane Clip Inserter	30	4.50	5.70	T14	
N/A	EV120	Giesmar 360 Road rail Crane	30	21.6	7.35	T14	
ZHH136		Isuzu Fire emergency unit	30	10.00	7.500	T12	

Rail Infrastructure Corporation - Track Maintenance Vehicles

CODE	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
BJ003,005	Plasser UHR-RM-74 ballast cleaner	60	77.7	27.320	T2,T17	0.50 draw capacity
BW077-079	JCB3CX/Gemco sleeper inserter/remover	15	9.2	6.250	T12	
BW080-081	JCB3CX/Gemco backhoe scarafier	15	8.1	6.150	T12	
BW082-083	JCB3CX/Gemco backhoe sleeper crane	15	8.1	6.150	T12	
BX003, BX013	Kershaw 4FW ballast regulator	50	7.5	9.000	T1, T4	
BX026-028, BX0031,033,035	Plasser USP 3000C ballast regulator	50	26.5	14.000	T4	
BX037-039	Canron BE-PTC ballast regulator	50	9.5	8.000	T1	
BX043-054	Plasser PBR 203 ballast regulator	50	22.5	11.000	T4	
BX055-056	Plasser SSP110 ballast regulator	80	36.5	18.000	T2, T5, T7	0.10 draw capacity
BX059	Plasser SSP 300 ballast regulator	80	29.5	14.000	T2,T7	0.10 draw capacity
BX060	Plasser SSP302 ballast regulator	80	42	20.560	T2	0.10 draw capacity
CS098-103	Tamper/Compair (on track) Compressor	15				
DS001-005	Plasser DTS62N dynamic track stabiliser	80	62	19.000	T2	0.10 draw capacity
HOX171-172, 192, 194-196, 211-214	Permaquip ACI MkV elevating work platform					
HOX 230-232	Tamper TSL elevating work platform					
ML039	RVX4 Track recording car RTX-1	120	48	15.000	T3	
ML054-058,060,061	Kershaw 19.1 sleeper trailer	30		3.000	T1	Towed by resleeping machine
PHX18	Pandrol Fastclip Clipping machine	30	4	4.100		
PHX68	Techniplan Fast Clipping machine	30	6.0	2.560		
PJ009,010,012, 013,035,047-049	Plasser HGR 230 track jack	30	1.5	2.000	T1	
PJ018,022,025-029,032,033	Plasser Mammot track jack	30	1.5	2.000		
PJ061-064	Gemco track jack	30	3	3.000		
PN300, 302	Nordco LS lock spike puller	30	5.5	5.000	T1	
PN301, 303	Nordco LS dog spike puller	30	5.5	5.000	T1	
RTX001	Plasser SMD-80G track layer		130	53.000	T2,T6,T17	0.50 draw capacity
SF048, 050	Nordco Super B dog spike driver	30	11	8.000	T1	
SF049, 051	Nordco Super B lock spike driver	30	11	8.000	T1	
SM005,SM008-010	Comeng tie scarifier	30	3.5	3.600	T1	
SM009	Comeng / Gemco scarifier			4.000		
SM014	Linear scarifier (converted BBX1640)	30	3.5	4.000	T1	
SM015-017	Kershaw 34/5 tie bed scarifier	30	6.5	7.000	T1	
SX070	Aresco tie handler	30				
SX077-084	Gemco Model 30 tie handler	30	3	2.700	T1	
SX089,SX097-101	Comeng Aresco tie handler	30		3.000	T1	
SX094-095	Comeng Aresco tie crane	30	7	7.000	T1	Boom 9m long
SX105 - 108	Kershaw Model 47/3 tie handler	30	12	9.000	T1	

SX109-114	Kershaw model 12/5 tie crane	30	7.5	6.000	T1	
TJ048	Tamper Vibratool spot tamper	30	5.5	5.000	T1	
TJ054,	Plasser 07-32B Duomatic prod. tie tamper	80	30.5	15.000	T4	
TJ081-082	Plasser 07-32B Duomatic production tie tamper	80	37.5	16.000	T4	
TJ060-062, TJ073-074	Plasser 07-275 turn-out tie tamper	80	36.5	19.000		
TJ063 - 066	Plasser PTT16 spot tie tamper	30	11	7.000	T1	
TJ075, 078	Plasser 07-16 production tie tamper	80	29	15.000	T4	
TJ069, 076	Track Inspection vehicle (modified tamper)	50	29	15.000	T3	Vehicles permitted to operate under the control of track signals and not under block working on all Metropolitan Suburban, Goods and Main lines within the limits of the electrified area.
TJ077	Water cart (modified tamper)	50	29	15.000	T3	Vehicles permitted to operate under the control of track signals and not under block working on all Metropolitan Suburban, Goods and Main lines within the limits of the electrified area.
TJ089	Plasser 79-800W turnout tie tamper	80	33.5	15.000	T4	
TJ085-088	Plasser 08-16 production tie tamper	80	31	15.000	T4	
TJ090	Plasser 79-800W tamper/production	80	33.5	15.000		
TJ091-092	Plasser CAT continuous tie tamper	80	40.5	18.000	T2, T4, T7	0.10 draw capacity
TJ093	Tamper Cart 180 continuous tie tamper	80	40	17.000	T2, T4, T7	0.10 draw capacity
TJ095-096	Plasser Unimat 09-32/4S tamper	80	135	35.060		
TJ097	Brad 4131 tamper	25	6.8	5.250	T14	
TV017,TV020-021	Aresco Track Chief tie spacer	20	3	4.000	T1	

Rail Infrastructure Corporation - Overhead Wiring Vehicles

Rhomberg Rail - Track Maintenance Vehicles

CODE	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES see below	REMARKS
M254	Plasser 09-3X Dynamic Tamper	80	150	41.4		
M521	Plasser SSP-303 Two Platform Ballast Regulator	80	69	28	1-4	
M525	Plasser SSP-305 Ballast Regulator Notes	80	67.4	29.100	1-4	1. Vehicle must be block worked if it is marshalled at the end (or in last 3 vehicle positions) of a locomotive / train consist 2. Block working is not required if the vehicle is marshalled in a train consist with at least 3 cover wagons (12 axles) trailing 3. Brakes shall be functional at all times and the brake pipe shall be continuous throughout the consist 4. Trailing load behind the vehicle shall not exceed 120 tonnes

Rowcon Services- Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
40115-C	Unit 2	Yanmar Excavator V1040-2	5	4.6	5.4	T14	
42531-C	Unit 3	Yanmar Excavator V1040-2	5	4.5	5.3	T12/14	
42505-C	Unit 4	Yanmar Excavator V1040-2	5	4.6	5.5	T14	

Select Plant Hire - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
EXRM006		CAT305CCR Excavator fitted with hi-rail wheels	20	7.0	6.0	T14,T20	LWR
EXRM007		CAT305CCR Excavator fitted with hi-rail wheels	20	7.0	6.0	T14,T20	LWR

SFS Constructions - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
SFS012	012	Toyota Dyna Tipper with crane	30	6.0	7.6		

Sheridan & Sons Pty Ltd - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
BC-63-AV		Mitsubishi Canter road/rail truck	30	5.0	7.0	T12	HWR
ES1112		Hino tilt tray road/rail truck	30	13.9	9.8	T12	HWR, Previous rego VQQ827
HIRAIL		Toyota hi-lux dual cab ute	50	2.7	5.2	T12	LWR
JACKAS		Hino Ranger road/rail truck	25	26.0	11.3	T12	HWR, Previous rego AM87YR
ONRAIL		Isuzu FVZ1400 tipping crane road/rail truck	30	24.0	9.7	T12	HWR

General Instruction Pages

Track Maintenance Vehicle Data

RKC-615	Mitsubishi Canter 4x4 3 way tipper	20	5.0	5.9	T12	HWR
RKD128	Mitsubishi Cantor 4WD tipper	30	4.9	5.7	T12	
SM-7560	International 1850D tabletop truck with hiab crane	30			T12	
SM-296	Isuzu SRB422 tabletop truck with hiab crane	30			T12	
SRV-614	Hino KL340 tabletop truck with hiab crane	30	9.5		T12	
SS5567	Isuzu NPS 4x4 road/rail cherry picker	30	6.0	6.6	T12	
SS5568	Isuzu NPS 4x4 road/rail cherry picker	30	6.0	6.6	T12	
TOMS1	Toyota Landcruiser 80 series DX wagon	50	3.0	5.5	T12	LWR
VACUV8	Kia hi-rail bus	30	6.0	7.3	T12	HWR
XIH-678	Mitsubishi Canter road/rail truck	20	6.0	6.5	T12	HWR
XJD-702	Mitsubishi Canter road/rail truck	20	6.0	6.5	T12	HWR
XLL116	Landrover Defender dual cab	30	3.5	5.8	T12	LWR
YKT-828	Mitsubishi Canter 4x4 Dual Cab with tool boxes	30	5.5	6.4	T12	HWR
2RAIL	Isuzu NPR300 road/rail truck with tipper	30	6.2	6.4	T12	HWR
4RAILS	Isuzu NPS300 4x4 road/rail cherry picker	30	6.0	7.6	T12	

Sherrin Hire - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
NOV905	HT159	Hino Hawk bridge unit	30	10.4	8.5	T12	
NSB683	SE120	Hino Hawk tabletop truck with cherry picker	30	10.4		T12	Not to work under overhead wiring

Signal Support Services Pty Ltd - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
AY58XC		Mitsubishi Canter dual cab hi-rail vehicle	30	6.9	6.8	T12	HWR

Speno - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
1ADO945		Toyota Landcruiser HZJ80	50	3.03	4.9	T12	
1APW283		Toyota Landcruiser 100 series	50	3.18	5.4	T12	
1BBS143	FL-12	Landrover Defender Ultrasonic RFD	50	3.5	5.8	T12	
1BNC103		Toyota Landcruiser 100 series	50	3.5	5.6	T12	
1CLI047	HRR 2A	Hino Pro Switch grinder	30	19.0	10.7	T12	HWR
1DGK460	HRR8-4A	Hino road/rail switch & utility grinder	30	22.5	11.0	T12	HWR
7MU683	FL-5	Unimog rail flaw detection vehicle	30	10		T12	
8AX753		Isuzu 500 4x4 tanker	30	10.0			
8MU838	FL-6	Unimog rail flaw detection vehicle	30	10		T12	
8ZI807	FL-8	OKA Ultrasonic Rail Flaw detector vehicle	30	7.0	9.0	T12	
9IP596	FL-7	Hino Merlin Rail Flaw detector vehicle	30	9.7	*9.0	T12	* length with trolley on rail
APW283		Toyota Landcruiser 100 series	50	3.18	5.4	T12	
TTT-869		Toyota Hilux Twin cab	50	2.73	5.2	T12	
VDY375		Toyota Hilux 4x4 Twin Cab	50	2.73	5.2	T12	
WLB647		Toyota Hilux 4x4 Table top truck	50	2.7	4.4	T12	
XAJ561		Toyota Hilux Twin Cab ute Ind front susp	60	2.73	5.2	T12	
XAJ562		Toyota Hilux Twin Cab ute	60	2.73	5.2	T12	

Speno - Track Maintenance Vehicles

CODE	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
EM100	6-56-001 Track recording car	120	48.0	15.0	T3	CHW
RR24-M24	24 stone rail grinder	80	186	52.3	T3	Class 1 & 2 lines only
RR32	32 stone rail grinder	50	120	39.0	T3	
RR36	36 stone rail grinder	50	130	44.5	T3	
RR40	40 stone rail grinder	50	175	56.3	T3	
RR48	2x24 stone rail grinder comprising M21 & M22	80	372	104.6	T3	Class 1 & 2 lines only
RR64	64 stone rail grinder comprising RR24 and RR40	50	361	108.6	T3	Class 1 & 2 lines only
TM02	Plasser 09-16 Tamper	80	42	15.0	T4	
M21	24 stone grinder	80	186	52.3	T3	Class 1 & 2 lines only
M22	24 stone grinder	80	186	52.3	T3	Class 1 & 2 lines only

Southern Improvement Alliance (SIA) - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
SIA010		Hyundai Robex 140W-7 hi-rail excavator	15	17.3	8.6	T12,T14	Montgomery Rail
SIA035		CAT315 hi-rail excavator	15	18.5	8.9	T14	John Holland unit ID CAT0M315L7ML02799
SIA038		Hyundai Robex 170W-7 hi-rail excavator	15	17.3	8.6	T14	Jordan Global Rail ID N50310788
SIA042		CAT M316 hi-rail excavator	15	19.0	8.9	T14	John Holland unit ID CATM316DAW6A00569
SIA043		Hyundai Robex 170W-7 hi-rail excavator	15	17.3	8.6	T14	Warren Irvine unit ID N50310970
SIA046		Hyundai Robex 140W-7	15	17.3	8.6	T14	Jinka Pty Ltd unit ID N4031084
SIA049		CAT315 hi-rail excavator	15	18.5	8.9	T14	John Holland unit ID CAT0M315V7M102704
SIA107		CAT316D hi-rail excavator	15	19.0	8.9	T14	Howell Contractors ID CATM316DAW6A00513
SIA171		Hitachi 170 hi-rail excavator	15	17.8	8.9	T12,T14	Jordan Global Rail ID JK6CGB04800003471
SIA173		CAT M316D hi-rail excavator	15	19.0	8.9	T12,T14	Howells Contractors ID CATM316DPW6A00502
SIA198		CAT 316D hi-rail excavator	15	19.0	8.9	T14	Tim Howell unit ID CATM316DAW6A00975
SIA402		CAT 316D hi-rail excavator	15	19.0	8.9	T14	Tim Howell unit ID CATM316DAW6A00884
SIA404		CAT 316C hi-rail excavator	15	19.0	8.9	T14	Tim Howell unit ID CATM316CTBDX02263
SIA450		Volvo EW160C hi-rail excavator	15	18.3	8.2	T12,T14	Wazza & Co ID 121235
SIA452		CAT 316C hi-rail excavator	15	19.0	8.9	T14	Tim Howell unit ID CATM316CTH2C00439

Stanton Earthmoving - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
SMN 584		Mazda T4100 tipper	30	7.94	6.6	T12	

Taylor Rail Australia - Track Maintenance Vehicles

CODE	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
6700	Jackson (HTT)6700 production tamper	20	31.8	15.9		HWB
KBR925	Knox Kershaw KBR925 ballast regulator	25	20.0	12.0		HWB
TRT1	Unimall Plasser 190 Tamper	20	13	8.0		
TRT2	Ballast regulator -Model 116a	20	10.7	7.5	T15	
TRT3	Ballast distributor	20	20	4.75		Must be hauled by TRT2 ballast regulator

Traccorp – Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
BJ38EI		Landrover Defender Fire truck	30	3.5	5.4	T12	
ZFU619	n/a	Toyota land cruiser 79 series	50	3.70	6.1	T12	

Track Australia - Track Maintenance Vehicles

CODE	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
M395	Plasser SSP-100 ballast regulator	70	28.0	12.0		
M437	09-3X continuous action mainline tamping machine	80	77	23.1		
M438	DTS62N dynamic track stabilizer	80	60	18.6		
M439	BT102 broom trailer	80	20	13		% Must operate with M437 or M438
M440	PT200 ballast ploughing trailer	80	12	10		% Must operate with M437 or M438
M946	08-475/4s Unimat tamper	80	105.0	34.0	See below	Width 2.97 m. Max trailing load 80 t.

CONDITIONS OF OPERATION

Self-propelled:

Locomotive hauled

Machine can be loco hauled in the following consists:

1. Hauling loco/s plus M946 – MUST be block worked
 2. Hauling loco/s, any number of wagons plus M946 – MUST be blocked worked
 3. Hauling loco/s, M946 plus 3 off 20tonne empty cover wagons – non blocked worked
- Operator of machine must ensure the following and advise crew of same:
1. Disengage ZF gearbox
 2. Engage both Drive Axle lock nuts

- Ensure both triple valves are placed in the middle position
Normal brake holding test must be carried out for all locomotive hauled consists.
A Track Australia operator is to ride aboard M946 to monitor machine movements and liaise with the train crew via two way radio.

M2256	Plasser 09-32 tamper	80	76.0	27.8
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% Limited to 65 km/hr while propelling BT102 or PT200

Track Machine Operations - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
BC07XL		Isuzu FTS96A flat bed hi-rail	30	13.0	8.1	T12	HWR

Trackwork Australia - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
AZ63LT		Mitsubishi Canter 4x4 twin cab crane	30	6.0	6.8	T12	
ZJV604		Mitsubishi FM618 3 way tipper with crane	30	13.5	8.7	T12	

Transfield - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
SB88BV	TM010014	Isuzu FTS800 tray top truck	30	13.5	8.2	T12	HWR
SB89BV	TM010015	Isuzu FTS800 tray top truck	30	13.5	8.2	T12	HWR
SB90BV	TM010018	Isuzu FTS800 tray top truck	30	13.5	8.2	T12	HWR
XFI698	TS065016	Toyota Landcruiser 100 series wagon	70	3.5	5.8	T12	LWR
YJJ 808	TS38	Toyota Landcruiser Hi-rail 70 series wagon	50	3.5	5.6	T12	LWR
XFN035	TS41	Toyota Landcruiser 100 series wagon	50	3.5	5.8	T12	LWR
1DUW912	TS99	Toyota Landcruiser Hi-rail 70 series wagon	50	3.5	5.6	T12	LWR
XUD702	TS092944	Toyota Landcruiser workmate tray top	70	3.7	6.0	T12	LWR
XUK223	TS092956	Toyota Landcruiser workmate tray top	70	3.7	6.0	T12	LWR
XUD716	TS092963	Toyota Landcruiser workmate tray top	70	3.7	6.0	T12	LWR
	TS106	Isuzu hi-rail ute	80	3.3	3.5	T12	LWR
	TS107	Isuzu hi-rail ute	80	3.3	3.5	T12	LWR
	TS108	Isuzu hi-rail ute	80	3.3	3.5	T12	LWR
XUH595	TS120960	Ford Ranger crew cab	70	3.3	5.1	T12	LWR
XUH596	TS129061	Ford Ranger crew cab	70	3.3	5.1	T12	LWR
XUH593	TS120962	Ford Ranger crew cab	70	3.3	5.1	T12	LWR
XTX823	TS120963	Toyota Landcruiser workmate tray top	70	3.7	6.0	T12	LWR
SB95CB	TS120968	Isuzu FXZ1500 medium tip truck	30	22.5	8.0	T12	HWR
XUE771	TS120942	Ford Ranger crew cab	70	3.3	5.1	T12	LWR
XUH594	TS120965	Ford Ranger crew cab	70	3.3	5.1	T12	LWR
XUL819	TS120966	Nissan Patrol	80	3.3	5.2	T12	LWR
SB45BW	TS137056	Isuzu FTS800 tray top truck	30	13.5	8.2	T12	HWR
SB46BW	TS137057	Isuzu FTS800 tray top truck	30	13.5	8.2	T12	HWR
SB35BW	TS137058	Isuzu FTS800 tray top truck	30	13.5	8.2	T12	HWR
SB96CB	TS148153	Isuzu FXZ1500 medium tip truck	30	22.5	8.0	T12	HWR

Transfield - Track Maintenance Vehicles

CODE	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
TM005443	Plasser PBR201 ballast regulator TS4	30	20.0	10.1		HWB
TS1	Plasser 16B production tamper	70	30.0	15.0		HWB
TS10	Harsco BE-AT ballast regulator	80	22.0	10.0		HWR
TS14	Harsco BE-AT ballast regulator	80	22.0	10.0		HWR
TS16	Comeng ballast regulator	30	21.0	10.1		HWB
TS17	Plasser GWM110 rail grinder	30	30.0	12.0		HWB
TS23	Comeng ballast regulator	30	13.0	9.0	T14	HWB
TS24	Harsco Mk VI tamper	80	37.0	18.6		HWB Parkes to Broken Hill only
TS25	Harsco Mk VI tamper	80	37.0	18.6		HWB Parkes to Broken Hill only
TS41						

Trans Pacific Industrial Solutions - Track Maintenance Vehicles

CODE	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
TNM-168	Hino GS-22 6x4 Road/Rail Vacuum Loader	30	32.5	9.9	T12	

TNT Rail Services - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
	10	Yanmar B50-2 Excavator	10	4.8	5.3	T14	

Transtel - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
EXK-946		Mitsubishi FM517 tabletop truck with work container	30			T12	

Tutt Bryant - Road/rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED KM/H	LOADED MASS TONNE	LENGTH METRES	NOTES See Page 1	REMARKS
EE07E104		Yanmar VIO80 road/rail excavator	15	9.7	7.1	T14	