

SECTION 12
ROAD/RAIL AND
TROLLEY/TRAILER
VEHICLE DATA

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Document control

Revision	Date of Issue	Summary of change
1.0	18/9/12	Road/Rail and Trolley/Trailer vehicles separated from rail bound infrastructure maintenance vehicles
1.1	1/1/13	Section updated with current vehicle certifications
1.2	8/1/13	Section updated with current vehicle certifications
1.3	29/1/13	Section updated with current vehicle certifications
1.4	14/2/13	Section updated with current vehicle certifications
1.5	1/7/13	Section updated with current vehicle certifications
1.6	25/4/15	Document updated
2.0	29/3/16	Document updated
3.0	2/8/18	Document updated

Summary of significant changes from previous version

Page	Summary of change
All	Document amended to remove all non-CRN plant from this section of the TOC Manual and provide guidance for private plant owners who wish to gain access for work on the CRN

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IMPORTANT NOTES

to

Infrastructure Maintenance Vehicle Owner/Operators

IS YOUR VEHICLE RAIL CERTIFIED?

This Document, Section 12 of the General Instruction Pages of the CRN Train Operating Conditions (TOC) Manual, lists only John Holland road/rail and trolley/trailer vehicles identified as having approval to operate on the CRN Rail Network.

NOTE: Road/rail and trolley/trailer vehicles are not authorised to operate on the CRN unless their annual rail certification is current or the vehicle is covered by a current CRN TOC Waiver.

Rail certification currency for non- listed vehicles can be determined by visiting the Asset Standards Authority (ASA) standards website and search for Document TS 13000.

If an ASA listed road/rail or trolley/trailer vehicle does not have approval status and a current re-certification date, then it is not rail certified for operation on the CRN. For Rail Certification requirements refer to CRN Standard CRN RS 016.

Contractors wishing to work on the CRN, must have their vehicle rail certification current and their vehicle will be subject to a CRN plant inspection prior to receiving final approval to operate on the CRN.

Plant pre-work inspections can be arranged by contacting the CRN Plant Superintendent on (02) 9685 5126 or 0408 869 984

OPERATING CONDITION NOTES

NOTE: All Track Maintenance Vehicles and Road/Rail vehicles must operate in accordance with CNWT 316 and under MANUAL BLOCK WORKING CONDITIONS as per CNSY 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 take off.
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	This note is not relevant to the CRN
T5	This note is not relevant to the CRN
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	This note is not relevant to the CRN
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	This note is not relevant to the CRN
T12	This vehicle is restricted to a maximum speed of 20 km/h in the forward direction, 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	This note is not relevant to the CRN.
T14	This vehicle is restricted to operation within a possession area only . All movements shall be controlled by the possession officer . No other vehicles will be permitted to pass this vehicle on any adjacent lines until the possession officer has been advised that the vehicle has come to a stand and is clear of the adjacent line. The maximum speed permitted within a possession area is 15 km/h.
T15	These vehicles comply with the CRN Narrow Square' Rolling Stock outline and their operation may be restricted on certain track corridors: The Operator must gain authority from the Track Manager where it is proposed to operate this type of vehicle on the CRN.
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	<p>This vehicle can be marshalled within a train consist provided it is positioned in the train consistent with its draw capacity and the train is able to operate under the control of track signalling.</p> <p>If this vehicle is marshalled within the last three (3) vehicles on the train, the train must operate under block working conditions and the normal brake retention tests applicable to the last three (3) vehicles, must also be carried out on this vehicle.</p> <p>The owner/operator of the vehicle must ensure that the vehicle is set up correctly for "in-train" operation in accordance with manufacturer's recommended operating procedures. Such procedures may include, but are not limited to, the following requirements:</p> <ul style="list-style-type: none"> • All gearboxes have been disengaged. • All drive axle lock outs have been engaged. • All driver's brake valve levers, (in all cabs) have been moved to the "neutral" position. • The vehicle to be accompanied by an authorised representative.
T18	<p>Vehicles identified with this note shall operate in travel mode with a driver safety system incorporating two independent safety features. The two independent safety features shall consist of a vigilance system (task linked preferred) plus a suitable authorised person OR alternatively, a task linked vigilance system plus a driver enabling device (deadman). The latter is a mandatory requirement for driver only operation.</p> <p>An authorised person in this case, is a second person, accompanying the vehicle driver/operator, with sufficient knowledge of the vehicle to take control and bring the vehicle to a stand in case of an emergency.</p>
T19	This note is not relevant to the CRN
T20	This vehicle must operate as the leading vehicle when travelling in a convoy with other infrastructure maintenance vehicles. This limitation does not apply when in work mode.
T21	This vehicle is not fitted with height restrictors to limit the travel of its moveable elements. This vehicle therefore can infringe the minimum safe approach distances when working under overhead wiring and is only permitted to work on non-electrified track or on track where an electrical permit to work has been issued (Overhead wiring is isolated)
T22	Trolleys do not require lights during daylight operation, however during conditions of poor visibility, night operations and within tunnels, suitable front and rear lights must be fitted.
T23	This note is not relevant to the CRN

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| T24 | This vehicle is fitted with an elevated work platform (EWP) that shall not be utilised when the vehicle is on rail. Travel of the vehicle on rail, with the EWP stowed in the travel position, is permitted. For road/rail vehicles, the EWP may be used if the vehicle is in road mode not utilising the rail wheels |
| T25 | This vehicle is fitted with an elevated work platform (EWP) that is permitted to be utilised when on rail. The EWP is not permitted to be utilised while the vehicle is in motion (vehicle shall be stationary for EWP use). Travel of the vehicle on rail, with the EWP stowed in the travel position, is permitted. |
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See Important Notes on Page 3

John Holland Rail Pty Ltd (CRN) – Road/Rail Vehicles

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED km/h	LOADED MASS tonnes	LENGTH metres	NOTES See Page 3	R.I.V.R. No.	REMARKS
N/A	323066	Kobelco SK70SR-2 Hydraulic Excavator	15	16.5	6.8	T14	8827478	
N/A	323067	Kobelco SK70SR-2 Hydraulic Excavator	15	16.5	6.8	T14	8437552	
N/A	323068	Kobelco SK70SR-2 Hydraulic Excavator	15	16.5	6.8	T14	8887670	
N/A	323069	Kobelco SK70SR-2 Hydraulic Excavator	15	16.5	6.8	T14	8177745	
N/A	323070	Kobelco SK70SR-2 Hydraulic Excavator	15	16.5	6.8	T14	8107846	
N/A	323071	Kobelco SK70SR-2 Hydraulic Excavator	15	16.5	6.8	T14	8307934	
N/A	323072	Kobelco SK70SR-2 Hydraulic Excavator	15	16.5	6.8	T14	8648044	
N/A	323073	Kobelco SK70SR-2 Hydraulic Excavator	15	16.5	6.8	T14	8358132	
N/A	323074	Kobelco SK70SR-2 Hydraulic Excavator	15	16.5	6.8	T14	8458210	
N/A	323075	Kobelco SK70SR-2 Hydraulic Excavator	15	16.5	6.8	T14	8358393	
N/A	323076	Kobelco SK135SR Hydraulic Excavator	15	20.2	7.8	T14	8448622	
N/A	323077	Kobelco SK135SR Hydraulic Excavator	15	20.2	7.8	T14	8758777	
N/A	323078	Kobelco SK135SR Hydraulic Excavator	15	20.2	7.8	T14	8358850	
N/A	323079	Kobelco SK135SR Hydraulic Excavator	15	20.2	7.8	T14	8629488	
N/A	323083	Kobelco SK70SR-2 Hydraulic Excavator	15	16.5	6.8	T14	8530739	
N/A	323084	Kobelco SK70SR-2 Hydraulic Excavator	15	16.5	6.8	T14	8461312	
N/A	323085	Kobelco SK70SR-2 Hydraulic Excavator	15	16.5	6.8	T14	8850835	
N/A	323086	Kobelco SK70SR-2 Hydraulic Excavator	15	16.5	6.8	T14	8771460	
N/A	M119810	Kobelco SK55SRX Hydraulic Excavator	15	10.0	6.1	T14		
BP 27 HF	326381	Isuzu FSS500 Crew Cab Tray Back w/Crane	30	11	8.4	T12,T21	8950024	
BQ-18-DK	326382	Isuzu FSS500 Crew Cab Tray Back w/Crane	30	11	8.4	T12,T21	8590554	
BQ-33-MY	326383	Isuzu FSS500 Crew Cab Tray Back w/Crane	30	11	8.4	T12,T21	8690928	
BQ-35-MY	326384	Isuzu FSS500 Crew Cab Tray Back w/Crane	30	11	8.4	T12,T21	8451102	
BQ-06-ZT	326385	Isuzu FSS500 Crew Cab Tray Back w/Crane	30	11	8.4	T12,T21	8371632	
BQ-05-ZT	326386	Isuzu FSS500 Crew Cab Tray Back w/Crane	30	11	8.4	T12,T21	8331795	
BQ-09-ZT	326387	Isuzu FSS500 Crew Cab Tray Back w/Crane	30	11	8.4	T12,T21	8102079	
BQ-08-ZT	326388	Isuzu FSS500 Crew Cab Tray Back w/Crane	30	11	8.4	T12,T21	8812195	
CA-79-TR	M119805	Mitsubishi Fuso Truck fitted with an EWP	15	6.5	7.5	T12,T21	2625791	
CG-68-BA	M119831	Mitsubishi Fuso Truck fitted with an EWP	15	6.5	7.5	T12,T21	2998959	
CE-91-YD	M123347	Toyota Landcruiser Single Cab Service Body Ute	70	3.9	5.7	T12	3977565	
CE-73-FH	M123348	Toyota LandCruiser Single Cab Trayback Ute	70	3.9	5.6	T12	3992069	
CE-96-YD	M123349	Toyota LandCruiser Single Cab Trayback Ute	70	3.9	5.7	T12	3364990	
CE-05-MD	M123350	Toyota LandCruiser Single Cab Trayback Ute	70	3.9	5.6	T12	3652139	
CE-99-YD	M123351	Toyota LandCruiser Single Cab Trayback Ute	70	3.9	5.7	T12	3404804	
CE-95-YD	M123352	Toyota Landcruiser Single Cab Service Body Ute	70	3.9	5.6	T12	3792398	
CE-93-YD	M123353	Toyota Landcruiser Single Cab Service Body Ute	70	3.9	5.6	T12	3752490	
CF-56-ET	M123354	Toyota Landcruiser Single Cab Service Body Ute	70	3.9	5.6	T12	3667297	
CE-86-YD	M123355	Toyota LandCruiser Single Cab Trayback Ute	70	3.9	5.7	T12	3767420	
CF-14-JF	M123356	Toyota LandCruiser Dual Cab Trayback Ute	70	3.9	5.8	T12	3645253	
CE-89-YD	M123357	Toyota LandCruiser Dual Cab Trayback Ute	70	3.9	5.7	T12	3362806	
CF-08-JF	M123358	Toyota Landcruiser Single Cab Service Body Ute	70	3.9	5.6	T12	3634734	
CE-06-MD	M123359	Toyota LandCruiser Single Cab Trayback Ute	70	3.9	5.7	T12	3782785	
CF-06-JF	M123360	Toyota Landcruiser Single Cab Service Body Ute	70	3.9	5.6	T12	3614611	
CE-04-MD	M123361	Toyota LandCruiser Single Cab Trayback Ute	70	3.9	5.6	T12	3562501	
CF-13-JF	M123362	Toyota LandCruiser Dual Cab Trayback Ute	70	3.9	5.8	T12	3212950	
CF-09-JF	M123363	Toyota LandCruiser Single Cab Trayback Ute	70	3.9	5.7	T12	3375056	
CE-88-YD	M123364	Toyota LandCruiser Dual Cab Trayback Ute	70	3.9	5.8	T12	3373006	
CE-98-YD	M123365	Toyota LandCruiser Single Cab Trayback Ute	70	3.9	5.7	T12	3667642	
CE-07-JF	M123366	Toyota Landcruiser Single Cab Service Body Ute	70	3.9	5.6	T12	3582607	
CF-10-JF	M123367	Toyota LandCruiser Dual Cab Trayback Ute	70	3.9	5.8	T12	3967896	
CF-15-JF	M123368	Toyota LandCruiser Dual Cab Trayback Ute	70	3.9	5.8	T12	3698091	
CE-97-YD	M123369	Toyota LandCruiser Single Cab Trayback Ute	70	3.9	5.7	T12	3915184	
CF-05-JF	M123370	Toyota Landcruiser Single Cab Service Body Ute	70	3.9	5.7	T12	8505859	

See Important Notes on Page 3

John Holland Rail Pty Ltd (CRN) – Road/Rail Vehicles (Cont'd)

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED Km/h	LOADED MASS tonnes	LENGTH metres	NOTES See Page 3	R.I.V.R. No.	REMARKS
CF-11-JF	M123371	Toyota LandCruiser Dual Cab Trayback Ute	70	3.9	5.7	T12	8715998	
CE-94-YD	M123372	Toyota LandCruiser Single Cab Service Body Ute	70	3.9	5.7	T12	8476002	
CE-90-YD	M123373	Toyota LandCruiser Dual Cab Trayback Ute	70	3.9	5.7	T12	8296130	
CF-12-JF	M123374	Toyota LandCruiser Dual Cab Trayback Ute	70	3.9	5.7	T12	8696290	
CE-92-YD	M123375	Toyota LandCruiser Single Cab Trayback Ute	70	3.9	5.7	T12	8616319	
CE-85-YD	M123376	Toyota LandCruiser Dual Cab Trayback Ute	70	3.9	5.7	T12	8756479	

John Holland Rail Pty Ltd (CRN) – Trolleys and Trailers

REG. NUMBER	PLANT NUMBER	DESCRIPTION OF VEHICLE	MAX SPEED Km/h	LOADED MASS tonnes	LENGTH metres	NOTES See Page 3	R.I.V.R. No.	REMARKS
N/A	323087	Excavator 8.4t Rail Bound Trailer (7t SWL)	15	8.4	4.9	T14	8735059	
N/A	323088	Excavator 8.4t Rail Bound Trailer (7t SWL)	15	8.4	4.9	T14	8625152	
N/A	323089	Excavator 8.4t Rail Bound Trailer (7t SWL)	15	8.4	4.9	T14	8595230	
N/A	323090	Excavator 8.4t Rail Bound Trailer (7t SWL)	15	8.4	4.9	T14	8406836	
N/A	323091	Excavator 8.4t Rail Bound Trailer (7t SWL)	15	8.4	4.9	T14	8475474	
N/A	323092	Excavator 8.4t Rail Bound Trailer (7t SWL)	15	8.4	4.9	T14	8395533	
N/A	323093	Excavator 8.4t Rail Bound Trailer (7t SWL)	15	8.4	4.9	T14	8855608	
N/A	323094	Excavator 8.4t Rail Bound Trailer (7t SWL)	15	8.4	4.9	T14	8885786	
N/A	323095	Excavator 8.4t Rail Bound Trailer (7t SWL)	15	8.4	4.9	T14	8275804	
N/A	323096	Excavator 8.4t Rail Bound Trailer (7t SWL)	15	8.4	4.9	T14	8575914	
N/A	323097	Excavator 8.4t Rail Bound Trailer (7t SWL)	15	8.4	4.9	T14	8706093	
N/A	323098	Excavator 8.4t Rail Bound Trailer (7t SWL)	15	8.4	4.9	T14	8876170	
N/A	323099	Excavator 8.4t Rail Bound Trailer (7t SWL)	15	8.4	4.9	T14	8986292	
N/A	323100	Excavator 8.4t Rail Bound Trailer (7t SWL)	15	8.4	4.9	T14	8746375	
N/A	323101	Excavator 8.4t Rail Bound Trailer (7t SWL)	15	8.4	4.9	T14	8206444	
N/A	323102	Excavator 8.4t Rail Bound Trailer (7t SWL)	15	8.4	4.9	T14	8646581	
N/A	323103	Excavator 8.4t Rail Bound Trailer (7t SWL)	15	8.4	4.9	T14	8506662	
N/A	323104	Excavator 8.4t Rail Bound Trailer (7t SWL)	15	8.4	4.9	T14	8806709	
N/A	427052	LT700 Hand Push Trolley	Walk	0.735	0.8		2230595	
N/A	427053	LT700 Hand Push Trolley	Walk	0.735	0.8		2750687	
N/A	427054	LT700 Hand Push Trolley	Walk	0.735	0.8		2362798	
N/A	427055	LT700 Hand Push Trolley	Walk	0.735	0.8		2110487	
N/A	427056	LT700 Hand Push Trolley	Walk	0.735	0.8		2820774	
N/A	427057	LT700 Hand Push Trolley	Walk	0.735	0.8		2571234	
N/A	427058	LT700 Hand Push Trolley	Walk	0.735	0.8		2791453	
N/A	427059	LT700 Hand Push Trolley	Walk	0.735	0.8		2371577	
N/A	427060	LT700 Hand Push Trolley	Walk	0.735	0.8		2731383	
N/A	427061	LT700 Hand Push Trolley	Walk	0.735	0.8		2911653	
N/A	427062	LT700 Hand Push Trolley	Walk	0.735	0.8		2300843	
N/A	427063	LT700 Hand Push Trolley	Walk	0.735	0.8		2910963	
N/A	427064	LT700 Hand Push Trolley	Walk	0.735	0.8		2271048	
N/A	427065	LT700 Hand Push Trolley	Walk	0.735	0.8		2381149	
N/A	427066	LT700 Hand Push Trolley	Walk	0.735	0.8		2592622	
N/A	427067	LT700 Hand Push Trolley	Walk	0.735	0.8		2281733	
N/A	427068	LT700 Hand Push Trolley	Walk	0.735	0.8		2141801	
N/A	427069	LT700 Hand Push Trolley	Walk	0.735	0.8		2471973	
N/A	427070	LT700 Hand Push Trolley	Walk	0.735	0.8		2352000	
N/A	427071	LT700 Hand Push Trolley	Walk	0.735	0.8		2542175	
N/A	427072	LT700 Hand Push Trolley	Walk	0.735	0.8		2962261	
N/A	427073	LT700 Hand Push Trolley	Walk	0.735	0.8		2292397	
N/A	427074	LT700 Hand Push Trolley	Walk	0.735	0.8		2482439	
N/A	427075	LT700 Hand Push Trolley	Walk	0.735	0.8		2862554	