

Loco 160A Hi-Rail Periodic Inspection Checksheet

Repairs and modifications: See the definitions in OM94001 Hi-Rail Vehicle Code. Upon discovering a modification, an inspecting fitter may:

- Pass the vehicle if the modification is minor and within his/her competency to assess;
- Request more information or documentation relating to the modification;
- Require re-evaluation of its Type Approval Acceptance.

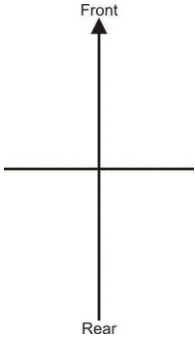
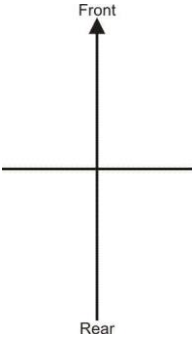
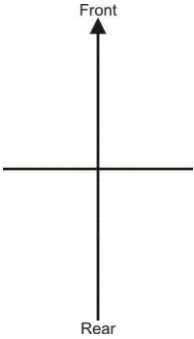
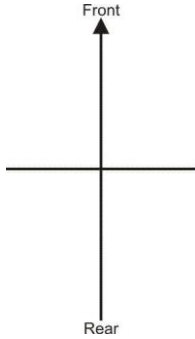
KiwiRail identity number:	Date:
Registration:	
Owner:	Contact number:

P	F	N/A	
			Inspection application (Contractor vehicles)
			Ownership change: training evidence; risk assessment countersigned.
			Operator maintenance & repair records
			WoF or CoF
			Operators manual
			Signs, labels, markings (as per manual)
			Safety equipment: red and green signalling flags, detonators; fire extinguishers; first aid kit.
			moving parts (damage or seizure)
			Mounting fasteners and fixtures
			Chassis (cracks, damage, attachments)
			Rail wheel type
			Rail wheel back to back
			Rail wheel wear
			Rail wheel profile
			Rail wheel diameter
			Rail wheel bearings
			Rail wheel axle load
			Rail wheel load balance
			Road wheel nuts (visual inspection)
			Tyres: type, load rating
			Tyres:, wear, condition, inflation
			Twist
			Earth path continuity, strap condition, security
			Stability devices
			Lights and beacons

P	F	N/A	
			Horn and reversing beeper
			Train Control radio
			Speedometer and maximum speed sign
			Brakes: assembly; shoes; fluid; adjustment; connections

			Brakes: service brake function
			Brakes: park brake function
			Road/rail mechanism operation and locking pin
			Pressurised systems safety
Tunnel Suitable			
			Pressurised systems safety – record result from above
			Fire extinguishers, access points. Dry powder remove, inspect, rotate
			AFFSS
			Emergency stops (e-stops)
			Heat shielding of cables, tubes and hoses
			Battery isolation
			Battery and generator covers
			Circuit protection (fuse box visual)
			Cabling
			Sheathing and fluid containment
			Tools & equipment stowed
			Exhaust: muffler, heat shielding
			Catalytic converter / or scrubber (no warning light)
			Selective catalytic reduction (SCR) operation (no warning light)
			Housekeeping – cleanliness, oil grease etc.
			Footsteps and handgrabs
			Driver's operating position
			Operator protection structure
			Cranes and elevating work platforms: current certificate
			Cranes and elevating work platforms: Interlocks
			Cranes and elevating work platforms: Rating Plate
			Pantograph: operation, spark gap, earthing
			Self-laying track cleats
			Drive mechanism (chains, connections etc. Remove cover plates)

Record smallest wheel diameter		Record worst side-to-side imbalance	
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Resistance (Ohms) at each wheel	Wheel load at each wheel. Units:	Guttering	Bearings & back-back
			

Work required:

Initial inspection		Re-inspection (within 28 days)		Date	Inspector's signature
Pass	Fail	Pass	Fail		
Tunnel Suitable					

A vehicle that fails an initial inspection must undergo a complete new inspection if not re-inspected within 28 days of the initial inspection.

Please send any requested changes to this checksheet to: document.controller@kiwirail.co.nz