FRONZ / ONTRACK
Inspection of Rail Vehicles
Post-derailment & Accident Damage

Date / /

Vehicle ID

Vehicle Type (Description)

Inspected at

- This form is to be used for all rail vehicles involved in derailments, accidents or tyre or wheel overheating.
- This form is to function as a guide to assist in ensuring that all vehicles are inspected to ensure that they still meet standards for operation on the National Rail Network.
- Some reference to codes and standards may be required to complete this inspection form.
- All items on this form are to be marked as
  - √ Passed; or
  - X Failed; or
  - NA Not applicable or
  - UC Unable to check
- Any items that have failed are to be included on the Inspection Fault Report included at the end of this form.

Inspection Done By:-

Name Date / /

Signature

Certification (delete section not applicable)

(a) I certify that all the safety critical faults identified in this inspection (see attached fault report) have been satisfactorily repaired and, as at this date, this vehicle is fit for normal service on the National Rail System; or

(b) I certify that this vehicle is fit to travel to _____ for further attention with the following restrictions:

Maximum speed	km/hr	May carry / haul passengers	YES / NO
Other			

Name Date / /

Signature

Incident

Vehicle suffered from

Derailment – mainline	
Derailment – yard	
Collision	
Overheated tyres or wheels	
Other (specify)	

Derailment Damage

Roller bearings – no visual damage	
Roller bearings – no unusual noises on run-by test	
Axles – not bent (check at 4 points around circumference with back-to-back gauge)	
Wheelsets – not subject to severe or prolonged repeated impacts (if so, must be examined in workshop before approving for service)	
Wheels & tyres – no visual damage	
Locomotive motion – no visual damage, rods straight, brackets intact etc	
Traction motors – no visual damage	
Drawgear - no visual damage	
Springs – no damage, correctly seated	
Brake rigging - no visual damage	
Brake hoses & cocks - no visual damage	
Brake operation - passes efficiency (functional) test	
General - no visual damage	

Collision or Other Damage

Underframes, bogie frames – no cracks, twists, headstock damage	
Bodies - no structural damage, cladding damage	
Locomotive motion – No visual damage, rods straight, brackets intact etc	
Drawgear - no visual damage	
Springs – no damage, correctly seated	
Brake rigging - no visual damage	
Brake hoses & cocks - no visual damage	
Brake operation - passes efficiency (functional) test	
General - no visual damage	

Wheel Overheating

Discolouration – not extending more than 100 mm into plate area (see B3.1.1.01 - Mechanical Code, section 3.26.5)	
Tyres - secure	
Tyres - Back to back measurement between 997 mm and 998 mm.	
Brakes – Passes full brake code check.	

Inspection Fault Report

Vehicle ID		Inspection Date	/ /	Page	of
Inspected by - Name		Signature			

Fault Details		Reference		Priority	
Repair Details		Date completed	/ /		
Repaired by -Name		Signature			
Checked by -Name		Signature			

Fault Details		Reference		Priority	
Repair Details		Date completed	/ /		
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Fault Details		Reference		Priority	
Repair Details		Date completed	/ /		
Repaired by -Name		Signature			
Checked by -Name		Signature			

Priority
1 – Vehicle not to run until repairs made.
2 – Repairs to be completed as soon as practical but vehicle may run in the interim.
3 – Attention required at next shopping or as noted.

Issue	Prepared (P), Reviewed (R), Amended (A)	Approved by	Effective Date
1	P McCallum (P)	Heritage Technical Committee	27 June 2006

Amendment History

Version	Section	Amendment