

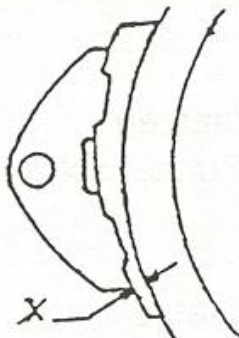
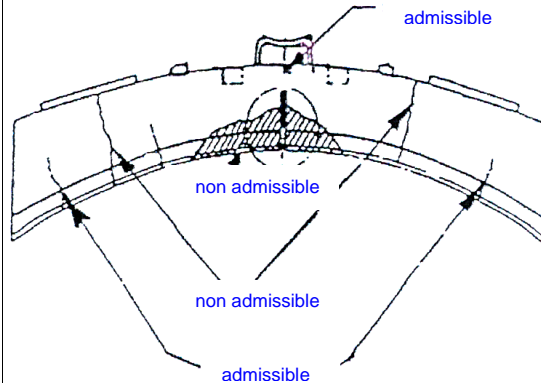
Amendments, Appendix 9 (Annex 1) to the GCU

Legend: **Blue with a marking in the margin = new addition at the request of the WU study groups, RUs or keepers (partly at the request of authorities), or due to TSI requirements**

Component	Code No.	Irregularities/criteria/notes	Action to be taken	Category
Axle	1.6.1	Damage to axle - cracked - deformed (see also no. 1.7.1) - defect repaired by welding - sharp edge - stress mark > 1 mm deep	Detach wagon	5
	1.6.2	Stress mark ≤ 1 mm deep, no sharp edges	K + R1 (isolate brake)	4
	1.6.3	Part rubbing against the axle Also inspect 1.6.1 and 1.6.2	Tie up + K, if necessary R1 (isolate brake); if not possible, detach wagon	4
Leaf spring	2.1.5	Insufficient spring clearance: Perpendicular distance between buckle and fixed parts of body, underframe or bogie frame less than 15 mm <ul style="list-style-type: none"> signs of recent contact between buckle and fixed parts of the underframe or bogie frame signs of recent contact between wheel and underframe or wagon floor/body 	Detach wagon	5
Brake	3			
Mechanical part (rigging)	3.1			
	3.1.1	Part of brake rigging hanging down or broken Also inspect 1.6.1, 1.6.2 and 1.6.3	Temporary repair, K + R1 (isolate brake)	4

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Component	Code No.	Irregularities/criteria/notes	Action to be taken	Category
Brake block	3.2 3.2.1	<p>Cast-iron brake block</p> <ul style="list-style-type: none"> - missing - broken, cracked right through, even if still held together by its metal insert - worn that thickness X near break block holder is less than 10 mm 	Replace; if not possible, K + R1 (isolate brake)	3
	3.2.2	<p>Composite brake block</p> <ul style="list-style-type: none"> - missing - radial crack from friction surface through to plate edge (except at the designated breakage point) <p>Friction material</p> <ul style="list-style-type: none"> - visible crumbling of the friction material over more than one quarter of the block length or metal inclusions - detached by > 25 mm from the supporting plate, - incipient crack > 25 mm radiating away from the wheel rim, - minimum thickness X < 10 mm 	Replace; if not possible, K + R1 (isolate brake)	3

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Component	Code No.	Irregularities/criteria/notes	Action to be taken	Category
Bogie Frame	4.7.3	Inner longitudinal sole bars screwed into place		
	4.7.3.1	Connection between the bogie and the brake support plate 1 bolt missing/broken on the inner longitudinal sole bars	Replace; if not possible, K + R1 (isolate brake)	3
	4.7.3.2	2 bolts missing/broken on the inner longitudinal sole bars of the same axle	Detach wagon	5
Buffer head	5.2.3	Contact surfaces		
	5.2.3.1	- not lubricated	Lubricate; if not possible, detach wagon	5
Plunger	5.3.3	Altered functioning (even following insufficient lubrication) <ul style="list-style-type: none"> ▪ Shiny parts ▪ Grooves 	Detach wagon	5
Markings on wagons and load units	6.1.1	Missing, illegible or incomplete		
	6.1.1.1	- wagon number ³⁾	Detach wagon	4
	6.1.1.2	- RIV sign, "TEN-RIV" or a sign denoting approval (TEN-G1, country markings etc.) ³⁾ or	Detach wagon	4
	6.1.1.3	- agreement plate (if showing exchange codes 41, 43, 45, 81, 83 or 85) ³⁾	Detach wagon	4
	6.1.1.4	- tare weight ³⁾	Detach wagon	4
	6.1.1.5	- braked weight of hand brake ³⁾	Detach wagon	4
	6.1.1.6	- load limits ³⁾	Detach wagon	4
	6.1.1.7	- capacity of tank wagons ³⁾	Detach wagon	4
	6.1.1.8	- – reserved –		
	6.1.1.9	- length-over-buffers of wagon ³⁾	Detach wagon	4
	6.1.1.10	- "high voltage" warning sign on wagons with step or ladder access up to a height > 2 m above rail level	Detach wagon	4
	6.1.1.11	- – reserved –		
	6.1.1.12	- – reserved –		
6.1.1.13	- – reserved –			

³⁾ If this irregularity is only found on one side of the wagon : K label

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Component	Code No.	Irregularities/criteria/notes	Action to be taken	Category
Interior equipments ^{*)}	6.1.8			
	6.1.8.1	Defective interior equipments: - retaining arm, - guide rail, - loading cradle, - rings, hooks, grommets, - partition. Wagon with securing equipment (see also 6.6.7), car-carrying wagon, wheel blocks (see also 6.6.5.2).	Temporary repair, rectify by means of extra securing means + M If not possible, detach wagon	3 5
Tank	6.5.2.3	- full tank, possible 3 month extension when tank marked with an "L"	Detach wagon	5
	6.5.2.4	- tank empty, not cleaned, if necessary increased by 3 months if marked with "L"	K	5
Reinforcement, filling and emptying equipment, underneath	6.5.5.2	– to be completed –		
	6.5.5.13	Filling and emptying equipment open	Rectify; if not possible, detach wagon	5
	6.5.5.14	Visible fastening devices ineffective	Rectify; if not possible, detach wagon	4

^{*)} Defective interior equipment – ascertained outside the technical inspection during a special inspection

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Car-carrying wagons	6.6.5.8	Crossing gangways of middle axles restricted in their movement <ul style="list-style-type: none"> distance between the wheel of the vehicle and the crossing gangway ≤ 100 mm 	Rectify; if not possible: detach wagon	5
	6.6.5.9	Support structures and fastenings of crossing plates of middle axles mechanically damaged <ul style="list-style-type: none"> distortion, fracture, crack, missing parts 		
		- empty wagon - loaded wagon	K Detach wagon	4 5
Load limits	7.1.7			
	7.1.7.1	Exceeding of load limits (3.2), visible characteristic: <ul style="list-style-type: none"> different buffer heights suspension spring play inadequate 	Detach wagon, after load correction: K	5
	7.1.7.2	Exceeding of load limits (3.2) determined by: <ul style="list-style-type: none"> consignment information different from load limit indicated measurement devices, diagnostic devices 	Detach wagon, after load correction: K	5
Loading tackle or scotches	7.2.7	Loose loading tackle or scotches not removed	Remove; if not possible: detach wagon	5
Marking, coding for intermodal transport	7.8			
	7.8.1	Valid coding missing or illegible	Detach wagon	5
	7.8.2	Wagon code to indicate permissible load units missing	Detach wagon	5
Loading units (L.U.)	7.8.3	CSC marking not available	Detach wagon	4