

Proposed amendment to GCU Appendix 10

Record of amendment

Amendment made by	Date	Paragraph	Amendment
Burkhard Lerche, WG UIC Maintenance	24/02/2020	3.6 ChaptA Pt3 App10	Development of proposal
WG UIC Maintenance		3.6 ChaptA Pt3 App10	Final Version
SG UIC WAGON USERS		3.6 ChaptA Pt3 App10	Approval
JC GCU		3.6 ChaptA Pt3 App10	Approval

Title	Implementation of the results from the JNS "Broken Wheels" in 3.6 Chapter A Point 3 Appendix 10 GCU
Proposed amendment made by (RU / keeper / other body):	DB Cargo AG
Proposed amendment concerns:	<input checked="" type="checkbox"/> Appendix 10
Proposer:	WG Maintenance, B. Lerche
Location, date:	Mainz, 24/02/2020
Concise description:	Implementation of the results from the JNS "Broken Wheels" in 3.6 Chapter A Point 3 Appendix 10 GCU

1. Starting point (current situation):**1.1. Introduction**

Recommendations for amendments to Appendix 10 GCU have been provided in the results from the JNS "Broken Wheels". They are being implemented here.

1.2. Mode of operation

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1.3. Anomaly / description of problem:**1.4. Does this concern a recognised code of practice* (e.g. DIN, EN)?**

No Yes (state which): JNS "Broken Wheels" presentation of results

* "Code of practice: a written set of rules that, when correctly applied, can be used to control one or more specific hazards."
(Source: Regulation EC 352/2009, Article 3)

"Technical provisions laid down in writing or conveyed verbally and pertaining to procedures, equipment and modes of operation which are generally agreed by the populations concerned (specialists, users, consumer and public authorities) to be suitable for achieving the objective prescribed by law, and which have either proven their worth in practice or, it is generally agreed, are likely to within a reasonable period of time" (Source: BMJ Handbuch der Rechtsförmlichkeit – German Ministry of Justice)

2. Target situation**2.1. Elimination of anomaly/problem (goal)**

3. Additional text and/or change relates only to proposed amendments to GCU Appendix 10

Amendment colour code:

Black: Current text, for info and remains unchanged

Red: new text

Blue: (if crossed out): text to be deleted

3.6 If wagons have protruding (**flanging**) brake blocks, it is necessary to eliminate the cause of the protrusion after consultation with the keeper and after he has given instructions. If it is not possible to remedy the cause the wagon must be dealt with in accordance with Appendix 9. A brake block shall be considered protruding if, when it is applied, its external face reaches the external face of the rim. **In the event of protruding brake blocks, the wheels must be checked for signs of thermal overload as per point 1.18, Appendix 10.**

4. Reasoning:

5. Assess potential positive/negative impacts

*Assess the possible positive and negative effects (operations, costs, administration, interoperability, safety, competitiveness, etc.) on a scale of 1 (very low) to 5 (very high).
Justify observations*

Impacts:

Impact on costs, administration, interoperability, safety, competitiveness:

6. Safety appraisal of proposed amendment

Description of actual/target system, and scope of change to be made (see points 1 and 2).

The risk study becomes obsolete insofar as only the known repositories are implemented

Safety study conducted by:

6.1. Does the change have an impact on safety?	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
Reasoning: Changes to the criteria for evaluation of thermal overload	
6.2. Is the change significant?	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
Reasoning:	
6.3. Determining and classifying risk:	<input checked="" type="checkbox"/> N/A
6.3.1. Effect of change in normal operation: 6.3.2. Effect of change in the event of disruption / deviation from normal operation: 6.3.3. Potential misuse of system: <input type="checkbox"/> No <input type="checkbox"/> Yes (describe possible misuse):	
6.4. Have safety measures been applied?	<input type="checkbox"/> No <input type="checkbox"/> Yes
For each type of risk, one of the following risk acceptance criteria is to be selected: <ul style="list-style-type: none"> • Code of practice • Use of reference system • Explicit risk estimate 	
6.5. Has a risk analysis been submitted to the assessment body?	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
Assessment body: Attach the verdict reached by the assessment body:	[Appendix]