

Amendment Proposal to GCU Appendix 11

Record of amendments

Amended by	Date	Paragraph	Amendment
Roman Sklenář	21/01/2020	Appendix 11, 6.1	Drafting
TTI WG decision	23/03/2021	Appendix 11, 6.1	See minutes of TTI WG meeting of March 2021
WU SG decision	23/04/2021	Appendix 11, 6.1	See minutes of WU SG meeting of April 2021
GCU JC decision	14/06/2021	Appendix 11, 6.1	Approved

Title:	New: Item 6.1 Sign for wheels able to withstand high thermal stresses
Proposed amendment made by: RU / keeper / other body	ZSSK CARGO
Proposed amendment concerns:	<input type="checkbox"/> Appendix 9 <input checked="" type="checkbox"/> Appendix 11
Proposer:	Roman Sklenář
Location, date:	Paris, 21/01/2020
Concise description:	Sign for wheels able to withstand high thermal stresses for axles with housing types without cover.

1. Starting point (current situation):

1.1. Introduction
Important: there are boxes which, by design, do not have any cover
1.2. Mode of operation
-
1.3. Anomaly / description of problem
There is no description in GCU Appendix 11

1.4. Does this concern a recognised code of practice* (e.g. DIN, EN)?
<input type="checkbox"/> no <input type="checkbox"/> yes (state which):
<p>* "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)</p> <p>"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" (translation/source: BMJ Handbuch der Rechtsförmlichkeit – German Ministry of Justice)</p>

2. Target situation

2.1. Elimination of anomaly/problem (goal)
Item 6.1 Sign for wheels able to withstand high thermal stresses.

3. Additional text and/or change relates only to proposed amendments to GCU Appendix 11:

Amendment colour code:

Black: Current text, for info and remains unchanged
Red: new text

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

6.1 Sign for wheels able to withstand high thermal stresses



Fig. 1



Fig. 2

Position: On the axle-box cover (see Fig. 1)
On the axle box (see Fig. 2) for housing types without cover

Meaning: The axles in question have wheels that are able to withstand high thermal loading, in accordance with **UIC Leaflets 510-2** and **510-5**, Appendix H

Remark: It should be noted there are housings which, due to their design, do not have a cover. They can be recognizable by housing without holes for cover fastening

4. Reason:

Allows inspection and maintenance staff to consider that the wheelsets are equipped with wheels that are able to withstand high thermal loading, in accordance with UIC Leaflets 510-2 and 510-5, Appendix H

5. Assess potential positive/negative impacts

*E.g. on operations, costs, administration, interoperability, safety, competitiveness, etc., using a scale of 1 (very low) to 5 (very high).
Justify observations*

Impacts:

Operations: 1

Interoperability: 1

Competitiveness: 1

Costs: 1 (exorbitant maintenance costs in the event of an overly severe assessment of damages)

Administration: 1

Safety: 1

6. Safety appraisal of proposed amendment

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

Safety study conducted by:

6.1. Does the change have an impact on safety?	<input type="checkbox"/> No <input type="checkbox"/> Yes
Reason:	
6.2. Is the change significant?	<input type="checkbox"/> No <input type="checkbox"/> Yes
Reason: see template. Attach the significant change test template	
6.3. Determining and classifying risk:	<input type="checkbox"/> deleted
<p>6.3.1. Effect of change in normal operation: Users will receive a more detailed description of irregularities so that they can be assessed more effectively.</p> <p>6.3.2. Effect of change in the event of disruption / deviation from normal operation: Users will receive a more detailed description of irregularities so that they can be assessed more effectively.</p> <p>6.3.3. Potential misuse of system:</p> <p><input type="checkbox"/> No</p> <p><input type="checkbox"/> Yes (describe possible misuse)</p>	
6.4. Have safety measures been implemented?	<input type="checkbox"/> No <input type="checkbox"/> Yes
<p>For each type of risk, one of the following risk acceptance criteria is to be selected:</p> <ul style="list-style-type: none"> • "Code of practice" (acknowledged technical rules) • Use of reference system • Explicit risk estimate 	
6.5. Has the risk analysis been submitted to the assessment body?	<input type="checkbox"/> No <input type="checkbox"/> Yes
<p>Assessment body:</p> <p>Attach the verdict reached by the assessment body:</p>	[appendix]