

## WAGON USERS Study Group

### Proposed amendment to GCU Appendix 10

#### Record of amendments

Amended by	Date	Paragraph	Amendment
Geoffroy MAILLE	22/04/2016	5.14	No.10_2017

<b>Title:</b>	5.14 – Screw coupling
<b>Proposed amendment made by: RU / keeper / other body</b>	SNCF
<b>Proposed amendment concerns:</b>	<input checked="" type="checkbox"/> Appendix 10
<b>Proposer:</b>	Geoffroy MAILLE
<b>Location, date:</b>	22/04/2016
<b>Concise description:</b>	Include concept of greasing screw couplers.

**1. Starting-point (current situation):**

<b>1.1. Introduction</b>
Appendix 10 currently makes no provision for checking that the coupling screw is greased.
<b>1.2. Mode of operation</b>
It is necessary to grease the coupling screw so that it functions properly, and to ensure the safety of staff in charge of forming trains.
<b>1.3. Anomaly / description of problem</b>
Appendix 10 currently makes no provision for checking that the coupling functions properly or that the coupling screw is greased.
<b>1.4. Does this concern a recognised code of practice* (e.g. DIN, EN)?</b>
<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (state which): <small>* "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)</small> <small>"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)</small>

**2. Target situation**

<b>2.1. Elimination of anomaly/problem (goal)</b>
Check that the coupling functions properly and that the coupling screw is greased.

**3. Additional text (relates only to proposed amendments to GCU Appendix 10):**

We request amendment of Appendix 10 in line with the text below:

<p>5.14.1 The screw coupler must be easy to operate and the coupling screw must be sufficiently lubricated.</p> <p>5.14.2 The screw couplers and draw hooks must not be cracked. Nor must they have sustained any damage liable to prevent the vehicle from being coupled to another vehicle or to stop them performing properly.</p>
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GCU intervention code	Intervention(s)	Any additional information necessary	Inspection as per Appendix 9	Rules as per Appendix 10
CU50141	Lubricate screw coupling			5.14

#### 4. Reason:

Workplace accidents frequently occur due to difficulties operating screw couplers. In addition, inadequate lubrication may cause the coupling to malfunction and ultimately break during service.

#### 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*

Positive/negative impacts:

Operations 3 (positive impact)

Interoperability 1,

Safety 3

Competitiveness 1

Costs: 2

**6. Safety appraisal of proposed amendment**

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

Safety appraisal performed by:

<b>6.1. Does the change made impact on safety?</b>	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
Reasoning: The proposed amendment will improve safety by testing for an irregularity not presently covered by the text.	
<b>6.2. Is the change significant?</b>	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
Reasoning:	
<b>6.3. Determining and classifying risk:</b>	<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):	
<b>6.4. Have safety measures been applied?</b>	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
<i>For each type of risk, one of the following risk acceptance criteria is to be selected:</i> <ul style="list-style-type: none"> <li>• Code of practice</li> <li>• Use of reference system</li> <li>• Explicit risk estimate</li> </ul>	
<b>6.5. Has a risk analysis been submitted to the assessment body?</b>	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
Assessment body: Attach the verdict reached by the assessment body:	[appendix]