

Proposed amendment to Appendix 10 to the GCU

Record of amendments

Amended by	Date	Module	Amendment
WG Neandertal	05/09/2023	M04.004	First draft
WG MNT decision	09-10/04/2024	M04.004	Update
WU SG decision	14/05/2024	M04.004	Approved by WU SG
GCU JC decision	04/06/2024	M04.004	Approved by GCU JC

Title	M04.004: Clean friction surfaces of damper system (Y25 bogie) M04.004 : Nettoyer les surfaces de friction du système amortisseur (bogie Y25) M04.004: Reibungsflächen der Dämpfung reinigen (Y25 Drehgestell)	
Proposed amendment made by RU/keeper/other:	WG Neandertal	
Proposed amendment to:	<input checked="" type="checkbox"/> GCU Appendix 10 <input type="checkbox"/> GCU Annex 6 (Appendix 10)	
Proposer:		
Location, date:	05/09/2023	
Concise description:		

1. Starting point (current situation):

1.1. Introduction
The task of the working group for the modularization of appendix 10 of the GCU is to describe new modules containing the measures to restore fitness to run and to create a link to the damage codes of appendix 9 as well as to the coding of the works of appendix 10 annex 6
1.2. Mode of operation
The results of the working group are submitted as amendment to the working group appendix 10 and so introduced in the regular process for validation of amendments
1.3. Anomaly/description of problem
Appendix 10 does not currently provide a comprehensive package of works to be carried out in order to restore the fitness to run. By introducing modularisation, this problem is solved. Modularisation supports the further digitalisation.
1.4. Does this concern a recognised code of practice* (e.g. ISO, EN)?
<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (state which): <small>* "a written set of rules that, when correctly applied, can be used to control one or more specific hazards." (Source: Regulation (source: Regulation EC 402/2013, 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". (Source: BMJ Handbuch der Rechtsförmlichkeit – guide published by German Ministry of Justice)</small>

2. Target situation

2.1. Elimination of anomaly/problem (solution sought)
See below point 3

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

Colour codes for amendment proposals:

Black: Currently applicable text; provides information and remains unchanged

Red: New text

Blue: (may be crossed out): Text to be deleted

Symbols are used as follows:

→ Link to other section of the GCU

✉ Communication between keeper and workshop

📄 Documentation of the work acc. to app. 10 annex 6

Note: if changes of the annex 6 are required, they have to be named below.

The damage codes of section 2 of this amendment proposal will be updated in the three languages in table in the introduction.

Damage code Appendix 9	Measures to restore the fitness to run
4.9.1 Friction surfaces of damper system lubricated	M04.004 Clean friction surfaces of damper system (Y25 bogie)
Code d'anomalie Annexe 9	Mesures pour rétablir l'aptitude à la circulation
4.9.1 Surfaces de friction du système amortisseur lubrifiées	M04.004 Nettoyer les surfaces de friction du système amortisseur (bogie Y25)
Schadcode Anlage 9	Maßnahmen zur Wiederherstellung Lauffähigkeit
4.9.1 Reibungsflächen der Dämpfung geschmiert	M04.004 Reibungsflächen der Dämpfung reinigen (Y25 Drehgestell)

EN**M04.004 Clean friction surfaces of damper system (Y25 bogie)**

Technical requirements:	-
Organisational preparations:	-
No.	Work tasks, technical target state and additional notes
1.	Remove the wheelset →M01.001
2.	Clean the friction surfaces on the bogie and wheelset mechanically or with a suitable solvent
3	Install wheelset →M01.001

FR**M04.004 Nettoyer les surfaces de friction du système amortisseur (bogie Y25)**

Conditions techniques :	-
Mesures préparatoires :	-
n°	Contenu de l'intervention, état technique théorique et autres indications
1.	Démonter l'essieu monté →M01.001
2.	Nettoyer mécaniquement ou avec un solvant approprié les surfaces de frottement du bogie et de l'essieu monté.
3	Monter l'essieu monté →M01.001

DE**M04.004 Reibungsflächen der Dämpfung reinigen (Y25 Drehgestell)**

Technische Voraussetzungen:	-
Organisatorische Vorbereitungen:	-
Nr.	Arbeitsinhalt, technischer Sollzustand und sonstige Hinweise
1.	Radsatz ausbauen →M01.001
2.	Reibungsflächen am Drehgestell und am Radsatz mechanisch oder mit einem geeigneten Lösungsmittel reinigen
3.	Radsatz einbauen →M01.001

4. Reason:

Transforming the measures of GCU Annex 10 into the new modular design

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):
Reasoning behind amendment:

This measure describes the good practice in maintenance and should not have a positive or negative effect on operations, costs, administration, interoperability, competitiveness, but presents an increase on safety.

6. Safety appraisal of proposed amendment

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

Performance of risk analysis is unnecessary where only recognised standards are implemented.

Risk analysis conducted by:

6.1. Does the change have an impact on safety?	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
Reason: No change in the process	
6.2. Is the change significant?	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
Reason: No change in the process	
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 checked="" 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 assessment 	
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]