

Certificate

**in accordance with EN 17460 Railway applications –
Adhesive bonding of rail vehicles and their components**

The Company
with production site in

**Carl Wilhelm Cleff GmbH & Co. KG
Vor der Beule 25
42277 Wuppertal**

has been certified in accordance with EN 17460:2022-07 for the following area of validity:

**Product design Class A1
Process design Class A1
Manufacture Class A1
Purchasing, trading and assembly Class A1**

Scope of validity

Main function of the bonded joints: D, F, S
Pre-treatment methods: -
Production methods: SO, HU, TK, LA
Test methods: DT
Degree of mechanization: TM, M

Responsible ABC:

ABC with equal rights:

ABC with not equal rights:

Remarks:

Mr. Wolfgang Bauer, born 17.08.1960 / EAE

Mr. Till Odilo Kegel, born 12.11.1974 / EAE / extern

Mr. Janusch Pakosch, born 27.04.1961 / EAS

This document is only valid in combination with the actual registration of the certificate in the Online-Register. For further remarks see the back page.

Certificate No.:

TC-K/17460/A1/F6-1/2024/110

Validity:

2024 January 24th – 2027 February 11th

Issued on:

2024 January 24th

Changed on:

2024 March 05th



Thomas Richter, Head of the Certification Body

Remarks

Classified bonded parts only have to be produced in the proven areas:

- class A1: hall train production
- class A3: module production
- code F is restricted to class A3.

General Regulations

The new application has to be submitted to the certification body at least two months before the certificate expires if the suitability of the user-company shall be certificated furthermore.

Changes within the time of validity of the certificate

If the address of the user-company or company site, the class of the certificate, supervisors or the area of validity change, the certification body must be informed immediately. The certification body decides about the necessity of an inspection on the site and change of the certificate.

The certification body must be informed if there are changes or additions to main processes or to any of the areas for which the certificate is valid under „Main function“, „Pre-treatment methods“, „Production methods“, „Test methods“ and „Degree of mechanisation“. The certification body decides whether to check the changes on-site and whether it is necessary to change the certificate.

Withdrawal of the certification

The certification body can withdraw certification if:

- 1) There is a serious shortcoming in the execution of the adhesive bonding work as required by this standard;
- 2) There is a serious shortcoming in the supervision of the adhesive bonding work as required by this standard;
- 3) There is no authorised supervision of the adhesive bonding work;
- 4) The employees carrying out the adhesive bonding work at the practical level do not have valid qualification certificates as required by this standard;
- 5) Other conditions required by this standard are no longer fulfilled;
- 6) The period of validity has expired;
- 7) The user-company does not have certification.

The user company must confirm attention of the withdrawal in written form towards the certification body.