

Certificate

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

The Company

Stadler Bussnang AG

with production site in

Ernst-Stadler-Straße 4

CH-9565 Bussnang

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

Subcontracting Class A1

Scope of validity

Main function of the bonded joints: D, F, S, L

Pre-treatment methods: -

Production methods:

SO, HU, TK, AN, LA

Test methods:

DT, VIS

Degree of mechanization:

TM, M

Responsible ABC:

Mr. Dr. Gernot Eberle, born 09.08.1962 / EAE

ABC with equal rights:

Mr. Michael Berlich, born 08.03.1973 / EA

ABC with not equal rights:

Mr. Josef Forster, born 09.03.1971 / EAS

Mr. Stefan Bachmann, born 12.06.1983 / EAS

Resumption s. reverse

Remarks:

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/F4-3/2022/179

Validity:

2022 August 18th – 2025 August 17th

Issued on:

2022 August 18th

Changed on:

2024 February 14th



Thomas Richter, Head of the Certification Body

Further Adhesive Bonding Coordinator (ABC) non-equally authorized:

Mr. Zekir Imeri, born 21.10.1978 / EAS / external

Mr. Stefan Krapf, born 16.12.1978 / EAS / external

Mr. Kevin Becker, born 08.05.1988 / EAB

Mr. Sascha Weniger, born 07.06.2000 / EAB

Mr. Michael Deissler, born 31.07.1985 / EAB

Mr. Naim Nrecaj, born 12.01.1980 / EAB

Remarks

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

- assembly hall 1, 2, 3, 4, 5, 6, bonding room

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.

Certificate

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

The company

Stadler Bussnang AG

at its location

**Ernst-Stadler-Straße 4
CH-9565 Bussnang**

**after having successfully verified by the certification body
awarded a certificate in accordance with EN 17460:2022-07**

Railway applications – Adhesive bonding of rail vehicles and their components

The company is suitable for carrying out bonding processes in the following scope

Product design of adhesive bonded parts Class A1

Process design of adhesive bonded parts Class A1

Manufacture of adhesive bonded parts Class A1

Purchasing, trading and assembly of adhesive bonded parts Class A1

Subcontracting for adhesive bonded parts Class A1

**The certificate no. TC-K/17460/A1/F4-3/2022/179
was issued on August 18th, 2022, was amended on February 14th, 2024
and is valid until August 17th, 2025
according to the details and remarks given.**



Thomas Richter, Head of Certification Body

Certificate

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

The Company **Stadler Bussnang AG**
with production site in **Inbetriebsetzungszentrum Erlen**
Silbermoosstrasse 6
CH-8586 Erlen

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

Manufacture Class A1

Scope of validity

Main function of the bonded joints: D, F, S, L

Pre-treatment methods: -

Production methods: SO, HU, TK, AN, LA

Test methods: DT, VIS

Degree of mechanization: TM, M

Responsible ABC: Mr. Zekir Imeri, born 21.10.1978 / EAS

ABC with equal rights: Mr. Stefan Krapf, born 16.12.1978 / EAS

Mr. Josef Forster, born 09.03.1971 / EAS external

Mr. Stefan Bachmann, born 12.06.1983 / EAS external

Remarks: 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/F1-3/2022/839

Validity: 2022 August 18th – 2025 August 17th

Issued on: 2022 August 18th

Changed on: 2024 February 14th



Thomas Richter, Head of the Certification Body

Remarks

Classified bonded parts only have to be produced in the proven areas:
class A1: Assembling Hall (TM 4)

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.

Certificate

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

The company

**Stadler Bussnang AG
Inbetriebsetzungszentrum Erlen**

at its location

**Silbermoosstrasse 6
CH-8586 Erlen**

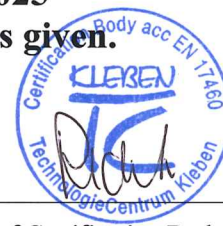
**after having successfully verified by the certification body
awarded a certificate in accordance with EN 17460:2022-07**

Railway applications – Adhesive bonding of rail vehicles and their components

The company is suitable for carrying out bonding processes in the following scope

Manufacture of adhesive bonded parts Class A1

**The certificate no. TC-K/17460/A1/F1-3/2022/839
was issued on August 18th, 2022, was amended on February 14th, 2024
and is valid until August 17th, 2025
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Thomas Richter, Head of Certification Body