

Certificate

This is to certify that

Knorr-Bremse Hungary

of

**Helsinki út 105, 1238 Budapest
HUNGARY**

has been successfully audited by the Certification Body of the Federal Railway Authority and has been granted accreditation in accordance with DIN 6701-2 as proof of the company's suitability for manufacturing adhesive bonds on rail vehicles and parts of rail vehicles.

The company is suitable for carrying out adhesive bonding work assigned to

Class A3 as specified in DIN 6701-2

The accreditation with no. IFAM/6701/A3/F1/2015/350 was issued on December 04, 2015 and is valid until December 05, 2018.
This certificate is only valid in combination with the accreditation.



Head of the Certification Body



Fraunhofer
IFAM

Wiener Str. 12 · 28359 Bremen
Germany

Stamp

Accreditation

in accordance with DIN 6701-2 to demonstrate
the suitability of the user-company for manufacturing
adhesive bonds on rail vehicles and parts of rail vehicles



Certification body
in accordance with DIN 6701-2

The production facility at *Helsinki út 105*
1238 Budapest
HUNGARY

of the company *Knorr-Bremse Hungary*

has been accredited to carry out adhesive bonding work for

Class A3

in accordance with **DIN 6701-2**.

Area of validity

Main function of the bonded joints:

- Load transmission using high modulus adhesives (F)
- Deformation equalisation using low-modulus adhesives (D)
- Sealing (S)

Pretreatment methods*: *ET, ZP*

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

Test methods*: *DT, VIS, ST, leakage test*

Degree of mechanization*: *M*

* From the code table in Annex 3 to the A-Z compendium

Supervisor in Charge (SiC): *Mr. Sándor Orosz, born on January 09, 1951 / EAS*

Equally authorized deputy supervisor: *Mr. Attila Farkas, born on July 31, 1979 / EAS*

Other deputy supervisor: *- Not required*

Remarks: *- None*

Accreditation no.: *IFAM/6701/A3/F1/2015/350*

Issued on: *December 04, 2015*

Valid until: *December 05, 2018*



Wiener Str. 12 · 28359 Bremen
Germany

Frank Stein, EAE

(Head of certification body, name, signature and stamp)

Remarks

- *s. front*

Other deputy supervisors:

- *s. front*

General Regulations

The new application has to be submitted to the certification body at least **two month** 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 "pretreatment methods", "production processes", "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 accreditation

according to DIN 6701-2

The German railway authority or the certification body can withdraw accreditation 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 (except for part class A3) as required by this standard;
- 3) There is no authorised supervision of the adhesive bonding work (except for part class A3);
- 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. The certification body has to inform the German railway authority EBA.

Distribution

1. Submitter (original)
2. EBA, German railway authority (copy)
3. Folder (copy)