



# CERTIFICATE

Welding of railway vehicles and components  
according to EN 15085-2

ZE-16083-01-00-EN15085-2017.0012.005

DVS ZERT hereby certifies that the company

**Knorr-Bremse España S.A.**  
**Parque Empresarial La Carpentania, Miguel Faraday1**  
**28906 Getafe (Madrid)**  
**Spain**

fulfills the requirements  
for the scope according to

**EN 15085-2 certification level CL1**

in the range indicated on the reverse.

validity: 20.02.2020 until 12.02.2023

Düsseldorf, 20.02.2020  
Place and date of issue

Dipl.-Ing. (FH) Derks  
Lead Assessor

A handwritten signature in blue ink, appearing to read 'Gurschke', written over a horizontal line.

Dipl.-Ing. Gurschke  
Head of certification body



## Scope of the certificate

ZE-16083-01-00-EN15085-2017.0012.005

### Scope:

| Welding process acc. to EN ISO 4063 | Material class/group acc. to CEN ISO/TR 15608 | Dimensions     | Remarks |
|-------------------------------------|---|----------------|---------|
| 131                                 | 23  | t = 1 - 8 mm   | BW      |
|                                     | 23  | t = 1.5 - 6 mm | FW      |
| 135                                 | 1.3   | t = 1 - 3 mm   | BW      |
|                                     | 1.3   | t = 1.5 mm     | FW      |
|                                     | 1.4   | t = 2 - 5 mm   | BW      |
|                                     | 8   | t = 1 - 6 mm   | -       |
| 141                                 | 1.3   | t = 1 - 3 mm   | -       |
|                                     | 1.4   | t = 2 - 6 mm   | -       |
|                                     | 23  | t = 1 - 8 mm   | -       |
|                                     | 8   | t = 1 - 6 mm   | -       |
| 21                                  | 1.3   | t = 1 - 2 mm   | -       |
|                                     | 22  | t = 2 mm       | -       |
|                                     | 8   | t = 1 - 3 mm   | -       |
| 786                                 | 22, 8   | D = 6 mm       | -       |

### Area of Application:

- New construction of assemblies and components for rail vehicles, Assemblies: air conditioning and brake systems
- parts: air conditioning and brake systems

### Responsible Welding Coordinator(s):

José Ignacio Martin Martin (IWE) born: 11.10.1970

### Deputy with equal rights:

Manuel Jiménez Pintos (IWT/Level A) born: 17.10.1976

### Representative:

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### Remarks:

The conditions to carry out the welder tests and the operator tests acc. to ISO 9606-1, -2 and ISO 147325 for Mr. José Ignacio Martin Martin and Mr. Manuel Jiménez Pintos exist.

### registration ON EN15085:

DVSZERT/15085/CL1/012/1/17

### General provisions:

It apply the conditions of the standard EN 15085-2:2007, section 7.

The General Terms and Conditions of the DVS ZERT GmbH apply in the currently valid version.