



CERTIFICATE

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

ZE-16083-01-00-EN15085-2015.0377.002

DVS ZERT hereby certifies that the company

KNORR-BREMSE GmbH
Beethovengasse 43-45
2340 Mödling
AUSTRIA

has furnished proof to fulfil
the scope of welding according to

EN 15085-2 certification level CL1

in the extent mentioned on the reverse side.

validity: 15.12.2016 until 07.10.2018

Düsseldorf, 15.12.2016
Place and date of issue

Dipl.-Ing. Schwab
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

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Scope:

Welding process acc. to EN ISO 4063	Material class/group acc. to CEN ISO/TR 15608	Dimensions	Remarks
131	35/5	-	brazing CuAl10NiFe4/42CrMo4V FW
135	1.2, 1.2/2 1.2, 1.2/2 1.2/8	t = 3 - 20 mm t = 3 - 24 mm t = 1.5 - 30 mm	BW FW -
141/135	1.1/8	t = 3 - 20 mm	BW
141	- 1.2/X120Mn12, 32/X120Mn12 8	- - t >= 3 mm	1.2/FeNi36, FW, WPS 042, 69, 72, 73, 74 brazing FW FW

Area of Application:

- New construction of assemblies and components for rail vehicles
- assemblies: braking equipment

Responsible Welding Coordinator(s):

Dipl.-Ing. Dirk Walter (IWE) born: 31.05.1968

Deputy with equal rights:

engineer Peter Faderl (IWE) born: 30.09.1969

Representative:

engineer Petar Colic (IWE) born: 23.07.1988
Derya Kabadayi (IWS) born: 10.03.1979

Remarks:

The conditions to carry out the welder tests and the operator tests acc. to ISO 9606-1 and ISO 14732 for Mr. Dirk Walter and Mr. Peter Faderl exist.

registration ON EN15085:

DVSZERT/15085/CL1/377/0A1/15

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.