



CERTIFICATE

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

ZE-16083-01-00-EN15085-2017.0064.001

DVS ZERT hereby certifies that the company

DELLNER Components Sp. z o.o.
ul. Chwaszczynska 120
81-571 Gdynia
POLAND

fulfills the requirements
for the scope according to

EN 15085-2 certification level CL1

in the range indicated on the reverse.

validity: 11.02.2017 until 10.02.2020

Düsseldorf, 15.02.2017
Place and date of issue

Dipl.-Ing. Swider
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
111	1.2/8 1.3/8 5/8	t = 3 - 14 mm t = 10 - 40 mm t = 3 - 16 mm	FW FW FW
135	1.1/1.2 1.2 1.2/3.1 1.2/5 1.3/3.1 1.3/3.1 2.2 2.2 3.1 3.1 3.2 5 5/3.1	t = 1.5 - 6 mm t = 3 - 30 mm t ≥ 3 mm t = 7 - 30 mm t = 6 - 17 mm t = 6 - 25 mm t = 1.5 - 5 mm t = 2 - 6 mm t ≥ 3 mm D ≥ 35 mm t = 4 - 40 mm t = 3 - 24 mm t = 3 - 40 mm t = 8 - 43 mm	FW - FW BW (HY, Y) BW HY FW FW BW (T-joint) FW FW - - -
136	1.2 1.2/5	t = 7 - 47 mm D ≥ 80 mm t = 8 - 32 mm D ≥ 80 mm	BW BW
138	1.2 1.3 1.3/5 1.3/5 3.1 3.1 3.1/5 5	t = 4 - 60 mm t = 8 - 40 mm D ≥ 41 mm t = 3 - 28 mm t = 10 - 40 mm D ≥ 85 mm t ≥ 5 mm t = 5 - 120 mm t = 9 - 50 mm t = 9 - 36 mm D ≥ 87 mm	BW HV BW - BW FW BW - BW

Scope of the certificate

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141	1.1	t = 2 - 6 mm D ≥ 25 mm	BW
	1.2	t = 5 - 15 mm	BW Y
	1.2/8	t = 5 - 30 mm	-
	3.1/8	t = 5 - 30 mm	BW HY
	2.2	t = 1.5 - 6 mm	FW
	2.2/8	t = 1.5 - 6 mm	-
	23.1	t = 1.5 - 12 mm	FW
	23.1	t = 2 - 6 mm	BW
	3.1/8	t = 3 - 12 mm	FW
	5.1/11.2, 5.1/8.1	t = 4 - 48 mm	FW
	5.1/11.2	t = 8 - 32 mm D = 10 - 40 mm	BW HY
	5.1/8.1	t = 8 - 32 mm	BW (T-joint)
	8	t = 1.5 - 25 mm	FW
	8	t = 3 - 8 mm	BW

Area of Application:

- New build of parts for railway vehicles
- couplers and adapters
- except design

Responsible Welding Coordinator(s):

Adam Mierzwa (IWE)

born: 03.03.1981

Deputy with equal rights:

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Representative:

Adam Kwiatkowski (IWS)
Waldemar Stoba (IWS)

born: 05.08.1982

born: 12.04.1971

Remarks:

The conditions to carry out the welder tests and the operator tests acc. to ISO 9601-1 / 9601-2 and ISO 14732 for Mr. Adam Mierzwa (IWE) exist.

registration ON EN15085:

DVSZERT/15085/CL1/064/0/17

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.