



CERTIFICATE

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

ZE-16083-01-00-EN15085-2015.0371.006

DVS ZERT hereby certifies that the company

**OPAKMET Spółka z ograniczoną odpowiedzialnością
Spółka komandytowa
ul. Marcinkowskiego 110
88-100 Inowrocław
POLAND**

fulfills the requirements
for the scope according to

EN 15085-2 certification level CL1

in the range indicated on the reverse.

validity: 23.08.2018 until 07.08.2021

Düsseldorf, 23.08.2018
Place and date of issue

M.Eng. Kolodziej
Lead Assessor

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	21, 22, 23 21, 22, 23	t = 2 - 8 mm t = 3 - 10 mm	FW BW
135	1.2 1.2 1.2/8 1.2/8 2/7 7 8 7 8	t = 1.5 - 20 mm t = 1.5 - 24 mm t = 2 - 4 mm t = 2 - 24 mm t = 3 - 80 mm t = 1.5 - 16 mm t = 1.5 - 16 mm t = 3 - 30 mm t = 1.5 - 12 mm	BW FW BW FW BW - HV joints FW BW BW - HV joints FW
141	1.2 1.2, 7 1.2/8 10 10 21, 22, 23 21, 22, 23 3 7, 8/10 8 8 8/10	t = 1.5 - 10 mm t = 1.5 - 12 mm t = 1.5 - 12 mm D = 6 - 24 mm t = 3 - 8 mm t = 3 - 8 mm t = 1 - 10 mm D >= 25 mm t = 1.5 - 6 mm t = 4 - 16 mm t = 3 - 12 mm t = 1.5 - 16 mm t = 1.5 - 16 mm t = 3 - 30 mm	BW FW FW BW FW FW BW FW (S690) BW BW FW FW
212	22 23 7 8	t = 1.5 - 2 mm t = 3 mm t = 2 mm t = 1 - 3 mm	- - - -
232	8	t = 2 mm	M6
786	2/8, 8 22	D = 3 - 8 mm D = 3 - 6 mm	- -

Area of Application:

- New construction of parts for rail vehicles
- except design
- except purchasing of welded parts

Responsible Welding Coordinator(s):

Daniel Pawlak (IWE)

born: 05.01.1975

Deputy with equal rights:

Maciej Tarasienko (IWE)

born: 26.03.1985



Scope of the certificate

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Representative:	Patryk Dzióbkowski (IWS) Tomasz Kruszynski (IWE) Rafał Niewiadomy (IWS)	born: 21.05.1993 born: 09.04.1989 born: 14.09.1979
Remarks:	The conditions to carry out the welder tests and the operator tests acc. to ISO 9606-1, ISO 9606-2 and ISO 14732 for Mr. Daniel Pawlak (IWE) exist.	
registration ON EN15085:	DVSZERT/15085/CL1/371/1/15	

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.