



# CERTIFICATE

Welding of railway vehicles and components according to  
EN 15085-2:2020+A2:2025

ZE-16083-01-00-EN15085-2016.0376.014

DVS ZERT GmbH hereby certifies that the welding company

**Photon Laser Manufacturing GmbH**  
**Staakener Straße 53-63**  
**13581 Berlin**  
**Germany**

fulfills the requirements  
for the scope according to

**EN 15085-2 classification level CL1**  
**in the type of activity P, S**

in the range indicated in the annex.

validity: 2026-01-26 until 2029-01-26

Düsseldorf, 2029-01-26  
Place and date of issue

Lead auditor: Dipl.-Ing. PAASCH

  
Dipl.-Ing. GURSCHKE  
Head of certification body

## Scope of the certificate

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### Scope:

Welding process according to EN ISO 4063	Material group according to CEN ISO/TR 15608	Dimensions	Remarks
131	22 23.1/22.3 23.1/22.3	t = 3 - 40 mm t = 1 - 3 mm t = 3 - 10 mm	FW, BW FW, Al-Schaumkern-Sandwich FW, Al-Schaumkern-Sandwich
135	- 1.2, 1.4 1.3 7 7 8 8/10	t = 2 - 8 mm t = 1.5 - 6 mm t = 4 - 80 mm t = 0.9 - 5 mm t = 1.75 - 5 mm t = 1 - 6 mm t = 1 - 4 mm	FW, BW FW, BW FW, BW - FW FW, BW BW
141	1.2 1.2, 1.4 10 2.2 22 22 7 7 7/8 8	t = 1 - 4 mm t = 2 mm t = 1 - 2 mm t = 1.5 - 5 mm t ≥ 3 mm t = 3 - 10 mm t = 0.85 - 6 mm t = 0.9 - 6 mm t = 1.5 - 6 mm t = 1.5 - 6 mm	BW FW, BW FW, BW FW, BW FW FW, BW FW BW FW FW, BW
142	1, 8	t = 1 - 10 mm	FW, BW
52	- 1.1/8 1.2, 1.4, 2.1, 2.2, 7 1.2 1.3 10 8 23 23.1, 23.1/22.3 23.1/22.3 7/8 8 8/10	t = 1.5 - 6 mm t = 2.5 - 3.5 mm t = 3 mm t = 1 - 6 mm t = 10 mm t = 1.5 - 3 mm t = 1 - 2 mm t = 1 - 2 mm t = 1 - 4 mm t = 1.5 mm t = 5 mm t = 2 - 3 mm t = 1.5 - 5 mm t = 2 mm	BW FW BW FW, BW FW, BW FW, BW, HC380LA FW, BW BW FW, BW FW, Al-Schaumkern-Sandwich FW, Al-Schaumkern-Sandwich FW, BW FW, BW BW
783	1.2 8	D = 6 - 8 mm -	- FW, BW, M8
786	1.2/8 2.1, 8	- -	FW, BW, M6 FW, BW, M5 - M8

### Area of Application:

- New build of railway vehicles and their components
- Purchase and supply of welded components

### Responsible welding coordinator(s):

Leo Pflugradt, IWE

born: 1985-10-11

### 1st deputy(ies) of the responsible welding coordinator(s):

Michael Meier, EWE

born: 1967-12-08

## Scope of the certificate

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**Others deputies:**

Uriel Tradowsky, IWE	born: 1985-06-27
Rebecca Klingenburg, IWE	born: 1997-02-09
Andreas Knaub, IWE	born: 1984-04-04
Ralf Behmüller, EWS	born: 1968-04-08
Michael Rempt, IWS	born: 1983-02-02
Manuel Tamm, IWS	born: 1983-07-22
Kevin Radtke, IWS	born: 1991-09-11
Nico Linke, IWS	born: 1984-10-16
Stefan Röhr, IWS	born: 1984-01-19
Thomas Kindel, IWE	born: 1962-01-01

**Remarks:**

The welding coordinators Leo Pflugradt, Michael Meier, Uriel Tradowsky, Thomas Kindel are authorised, within the scope of this certificate, to test welders/operators in accordance with the relevant standards.

**Register no.:**

DVSZERT/15085/CL1/376/16/3

**General provisions:**

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