

CERTIFICATE

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

This is to certify that **Zakłady Remontowe Energetyki Katowice S.A.**

Martyniaków 7
43-603 Jaworzno
Poland

is qualified to perform welding work within the range of certification of:

Classification level CL 1 and type of activity P - production, M - maintenance according to EN 15085-2:2020+A2:2025

Field of application: Manufacturing of new assemblies and components for railway vehicles, repair of railway components; except design

Scope of certificate:

Welding process acc. to EN ISO 4063	Material group acc. to ISO/TR 15608	Dimensions	Remarks
111	1.1	$t \geq 5,0 \text{ mm}$	FW
111	1.1	$t = 3,0 \div 12,0 \text{ mm}; t = 35,0 \div 140,0 \text{ mm}$	BW
111	1.2	$t \geq 4,0 \text{ mm}$	FW
111	1.2	$t = 3,0 \div 150,0 \text{ mm}; D \geq 44,5 \text{ mm}$	BW
111	1.2 / 8.2	$t = 3,0 \div 24,0 \text{ mm}$	FW
111	1.2 / 8.2	$t = 3,0 \div 24,0 \text{ mm}$	BW
111	3.1 / 8.2	$t = 3,0 \div 10,0 \text{ mm}$	FW
111	8.1	$t = 3,0 \div 10,0 \text{ mm}$	BW
111	8.2	$t \geq 5,0 \text{ mm}$	FW
111	8.2	$t = 3,0 \div 24,0 \text{ mm}$	BW

(continuation: next page)

Responsible welding coordinator: Krzysztof Kusy, IWE level A born: 08.02.1973
1st deputy: Konrad Kurek, IWE level A born: 24.10.1982
Deputy: Bartłomiej Wąsala, IWE level A born: 07.04.1985
Comments: see - next page

Certificate no.: TUVRh/15085/CL1/PL014/26

Validit: 30.06.2026 - 29.06.2029

Issued on: 30.06.2026

Auditor: Michał Dylewski

Next Surveillance inspection 29.06.2027

Place and date of issue Zabrze, 30.06.2026

Andrzej Kierzek
Andrzej Kierzek
Certification Body

Certificate number:

TUVRh/15085/CL1/PL014/26

Continuation of range of certification

Welding process acc. to EN ISO 4063	Material group acc. to ISO/TR 15608	Dimensions	Remarks
114	1.2	$t = 3,0 \div 20,0$ mm	BW
135	1.2	$t \geq 4,0$ mm	FW
135	1.2	$t = 3,0 \div 260,0$ mm	BW
135	2.2	$t \geq 3,0$ mm	FW
135	2.2	$t = 1,0 \div 30,0$ mm	BW
135p	2.2	$t = 1,4 \div 4,0$ mm	FW
135	1.2 / 3.1	$t = 1,4 \div 4,0$ mm $t = 3,0 \div 59,0$ mm	FW
135	2.2 / 8.1	$t = 1,0 \div 56,0$ mm	FW
135	2.2 / 8.1	$t = 1,4 \div 20,0$ mm	BW
135	3.1	$t \geq 5,0$ mm	FW
135	3.1	$t = 3,0 \div 240,0$ mm	BW
135	3.2	$t \geq 5,0$ mm	FW
135	3.2	$t = 3,0 \div 100,0$ mm	BW
135	8.1	$t = 3,0 \div 56,0$ mm	FW
135	8.1	$t = 1,4 \div 24,0$ mm	BW
136	1.2	$t \geq 5,0$ mm	FW
136	1.2	$t = 3,0 \div 24,0$ mm	BW
138	1.2	$t \geq 5,0$ mm	FW
138	1.2	$t = 3,0 \div 120,0$ mm	BW
141	1.1	$t \geq 5,0$ mm	FW
141	1.1	$t = 1,6 \div 14,2$ mm $D \geq 8,0$ mm	BW
141	1.2	$t = 1,5 \div 6,0$ mm; $D \geq 27,0$ mm	BW, FW
141	1.2	$t = 3,0 \div 22,0$ mm; $D \geq 10,65$ mm	BW, FW
141	1.2	$t = 3,0 \div 12,6$ mm; $D \geq 25,0$ mm	BW
141	2.2	$t = 3,0 \div 40,0$ mm	FW
141	3.1 / 2.2	$t = 3,0 \div 40,0$ mm	FW
141	1.1 / 8.1	$t = 1,4 \div 12,0$ mm; $D = 6,0 \div 42,6$ mm	BW
141	2.2 / 8.1	$t = 3,0 \div 30,0$ mm	FW
141	8.1	$t = 0,7 \div 12,0$ mm	FW
141	8.1	$t = 0,8 \div 22,0$ mm $D = 8,6 \div 152,2$ mm	BW
141/111	1.2	$t = 8,0 \div 32,0$ mm $D \geq 109,55$ mm	FW
141/121	1.2	$t = 12,5 \div 72,0$ mm	BW
141 / 135p	2.2	$t = 3,0 \div 40,0$ mm	FW
141 / 135p	3.1 / 2.2	$t = 3,0 \div 24,0$ mm	BW, FW
141 / 136	1.2	$t = 6,3 \div 25,0$ mm	BW
141 / 138	1.2	$t = 6,25 \div 25,0$ mm $D \geq 69,85$ mm	BW
783	1.2	$D = 8,0; 10,0$ mm	-
783	1.2	$D = 6,0; \geq 1,5$ mm	-
135	2.2	$t = 3,0 \div 20,0$ mm	FW (automatyczny)
135	3.2	$t \geq 5,0$ mm	FW (automatyczny)
135	3.2	$t \geq 3,0$ mm	BW, FW (automatyczny)
135	3.2 / 1.2	$t = 3,0 \div 50,0$ mm	FW (automatyczny)
135	3.2 / 1.2	$t = 3,0 \div 24,0$ mm	BW, FW (automatyczny)
135	3.2 / 3.1	$t \geq 3,0$ mm	BW, FW (automatyczny)
135	3.2 / 2.2	$t = 3,0 \div 30,0$ mm	FW (automatyczny)

Comments:

Certification conditions EN 15085-2 are available on: www.tuv.pl/zalaczniki

Address of registered office:

Zakłady Remontowe Energetyki Katowice S.A.
st. Generała Zygmunta Waltera Jankego 13
40-615 Katowice
Poland

The responsible welding coordination personnel representatives, Mr. Krzysztof Kusy, Mr. Konrad Kurek and Mr. Bartłomiej Wąsala are authorized to test the qualification of welders according to the applicable standards within the range of certification of this certificate.

Additional welding coordinator:

Jacek Czardybon, data urodzenia: 05.08.1971, IWE, level A
Piotr Michalski, data urodzenia: 31.10.1993, IWE, level A

General regulations:

according to EN 15085-2:2020+A2:2025

Revocation of the Certificate:

Manufacturer certification body issuing this certificate may revoke the certificate if:

- there are justified doubts as to the proper execution of the welding work according to the stated standards,
- there are justified doubts as to the proper welding coordination according to the stated standards,
- no recognized welding coordinator is available any longer,
- no valid qualification test certificates for the welders and welding operators according to the specified standards are available,
- welders or welding operators without tested qualifications have been entrusted with the execution of welding work under the stated standards,
- other conditions according to the stated standards are no longer satisfied,
- the manufacturer certification body was refused an opportunity to perform the annual verification,
- the welding manufacturer waives the certificate.

The welding manufacturer shall acknowledge the revocation in writing to the manufacturer certification body.

If a valid certificate is to be renewed, the renewal must be applied for with the manufacturer certification body at least two months before the end of the period of validity of the current certificate.

Distribution list:

1. Applicant (original)
2. Files

TÜV Rheinland Polska Sp. z o.o. product certification body accredited by PCA, No. AC 141.

ul. Wolności 347, 41-800 Zabrze, Poland

e-mail: post@pl.tuv.com