



AC 161



Polska

CERTIFICATE

WELDING OF RAILWAY VEHICLES AND COMPONENTS acc. PN-EN 15085-2:2021

Manufacturer: **WAGONY ŚWIDNICA Sp. z o.o.**
ul. Strzelińska 35
58-100 Świdnica, Poland

fulfills the requirements to perform welding work within the range

Classification level CL1 according to PN-EN 15085-2:2021

Type of activity: D, M, P, S

Type of components: Manufacturing and conversion of:

- rail vehicles and their components
- non-pressurised containers without special test pressure
- simple parts of rail vehicles
- parts or purchased parts of rail vehicles
- construction parts of rail vehicle

Design of rail vehicles
Design parts of railway vehicles
Purchase and assembly of components of railway vehicles

Range of approval:

Welding process acc. PN-EN ISO 4063	Material group acc. ISO/TR 15608	Dimensions	Notes
111	1.2	3,0 – 50,0	FW
111	1.2	3,0 – 50,0	---
111	Hardox 500	6,0 – 14,4	FW
121	1.2	3,0 – 40,0	FW

Continuation of the range of approval on the subsequent page

Welding coordinator: Mariusz Pławecki, IWE
Deputy of welding coordinator: Wojciech Radliński, IWE
Additional coordinators: See reverse
Certificate no.: TSP-15085-220.00
Valid: From 19.05.2023 to 18.05.2026
Next surveillance audit: until 20.04.2024
Date of issue: 19.05.2023
Auditor: Robert Wierbowiecki



(PP05-F03-15085 issue.5 valid from 01-09-2021)

Ewelina Czerwonka
Deputy Director of Certification Centre

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ul. Podwale 17

00 – 252 Warszawa



Range of approval (continuation):

Welding process acc. PN-EN ISO 4063	Material group acc. ISO/TR 15608	Dimensions	Notes
121	1.2	3,0 – 13,0	---
121	1.2	3,0 – 13,0	FW
121	1.3	3,0 – 33,0	---
121	1.3	3,0 – 33,0	FW
121	1.3	6,25 – 40,0	FW
121	2.2	3,0 – 10,0	FW
121	2.2	3,0 – 10,0	---
121	7.1	3,0 – 10,0	FW
121	7.1	3,0 – 10,0	---
121	Hardox 450	3,0 – 16,0	FW
121	Hardox 450	3,0 – 16,0	---
131	8	0,7 – 1,3	---
131	8	0,7 – 2,0	FW
131	23	0,7 – 12,0	FW
131	23	0,7 – 12,0	---
135	1.1	1,0 – 40,0	FW
135	1.1	1,0 – 40,0	---
135	1.2	1,6 – 80,0	FW
135	1.2	1,6 – 80,0	---
135 Robot	1.2	5,0 – 31,0	FW
135 Robot	1.2	5,0 – 31,0	---
135	1.2	≥ 5,0	FW
135	1.3	3,0 – 80,0	FW
135	1.3	3,0 – 80,0	---
135	2.2	3,0 – 12,0	---
135	2.2	3,0 – 12,0	FW
135	3.1	3,0 – 30,0	---
135	3.1	3,0 – 30,0	FW
135	8	3,0 – 40,0	---
135	8	3,0 – 40,0	FW
135	9	1,5 – 12,0	---
135	9	1,5 – 12,0	FW
135	10.1	3,0 – 12,0	---
135	10.1	3,0 – 12,0	FW
135	1.2 + 2.2	5,0 – 20,0	---
135	1.2 + 2.2	5,0 – 20,0	FW
135	1.2 + 7	3,0 – 30,0	FW
135	1.2 + 8	1,4 – 20,0	---
135	1.2 + 8	1,4 – 20,0	FW
135	1.2 + X120Mn12	2,0 – 19,2	FW
135	Hardox 450 + 1.2	3,0 – 20,0	---
135	Hardox 450 + 1.2	3,0 – 20,0	FW
135	Hardox 450 + 2.2	3,0 – 12,0	FW
135	Hardox 450 + 2.2	3,0 – 12,0	---
135	X120Mn12 + E260-45-MS C1 (cast)	3,0 – 40,0	FW
136	1.2	3,0 – 40,0	FW
136	1.2	3,0 – 40,0	---
136	3.1	3,0 – 30,0	FW
136	3.1	3,0 – 30,0	---
136	10.1	3,0 – 12,0	FW
136	10.1	3,0 – 12,0	---
135 + 141	1.2	5,0 – 12,0	FW



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135 + 141	1.3	6,3 – 25,0	FW
135 + 141	1.3	6,3 – 25,0	---
135 + 141	8	3,0 – 9,0 / Ø ≥ 84,15	FW
135 + 141	8	3,0 – 9,0 / Ø ≥ 84,15	---
138	1.2	3,0 – 40,0	FW
138	1.2	3,0 – 40,0	---
141	1.1	3,0 – 6,4	FW
141	1.1	3,0 – 6,4	---
141	1.2	3,0 – 40,0 / Ø ≥ 24,15	FW
141	1.2	3,0 – 40,0 / Ø ≥ 24,15	---
141	1.3	3,0 – 16,0	---
141	1.3	3,0 – 16,0	FW
141	2.2	10,0 – 14,0	---
141	2.2	10,0 – 14,0	FW
141	8	3,0 – 22,0	---
141	8	3,0 – 22,0	FW
141	22	3,0 – 10,0	---
141	22	3,0 – 10,0	FW
141	1.2 + 8	3,0 – 9,0 / Ø ≥ 25,0	---
141	1.2 + 8	3,0 – 9,0 / Ø ≥ 25,0	FW
21	23	1,5 – 3,5	---
24	1.2	Ø ≥ 24,0	---
24	1.2	Ø ≥ 30,0	---
24	1.2	Ø ≥ 35,0	---
24	1.2	Ø ≥ 40,0	---
784	1.2 + 8	Ø 5,0 – 8,0	---
135 + 121	8.1	3,0 – 16,0	---
135 + 121	1.3	6,15 – 100,0	---
135 + 121	1.3	10,0 – 40,0	FW
135 + 121	1.2	3,0 – 36,0	---
135 + 121	1.2	5,0 – 20,0	FW

Additional welding coordinators:

Jarosław Kmieć, IWT
 Grzegorz Cieśliski, IWT
 Grzegorz Pakuła, IWP / IWT
 Tomasz Michałowski, IWE / IWS
 Zbigniew Dziadkiewicz, IWS
 Paweł Kasiński, IWS
 Paweł Stokłosa, IWS
 Mariusz Śliwoń, IWS
 Arkadiusz Uhryn, IWS
 Krzysztof Skolimowski, IWP / IWS
 Adam Stec, IWP / IWS
 Jarosław Średnicki, IWP / IWS
 Grzegorz Gradzik, level C

General regulations

according to PN-EN 15085-2

Revocation of the Certificate

The national safety authority or the 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,

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- 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. The manufacturer certification body shall notify the national safety authority.

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.

Notes on certificate / extensions:

The certification was granted in accordance with the certification program PR15085 as at 05.05.2021.

The validity of the certificate may be confirmed by scanning the QR code or visit the web address:
https://certyfikaty-tuv-sud.pl/certyfikaty_wyrobow/

Warsaw, 19.05.2023



Ewelina Ozerwonka
Deputy Director of Certification Centre