

Welder's Qualification Test Certificate

Certificate No. 25-357698-PL

3 Designation(s): **ISO 9606-1 141 T BW/FW FM5 S s12 D48.3 PH-L045 ss gb**
ISO 9606-1 141 T BW/FW FM5 S s1 D48.3 PH-L045 ss gb

4 WPS-Reference: WPS 221BW/ WPS222FW Examining body: TÜV Thüringen Polska
Examiner: Karol Dubas

6 Welder's name: **Marcin POLAK**

7 Method of identification: PESEL 87013015014 Photograph (if required)
8 Date and place of birth: 1987-01-30, Mielec
9 Employer:
10 Code / testing standard: PN-EN ISO 9606-1:2017, AD2000-HP3



11 Supplementary fillet weld test: YES (completed in conjunction with a butt weld qualification)
12 Job knowledge: Acceptable

13	Test piece	Range of qualification
14	Welding process(es); 141 TIG (GTAW)	141 TIG (GTAW) 141, 142, 143, 145
15	Transfer mode -	-
16	Product type (plate or pipe) T Pipe/Tube	P, T, Pipe branch ≥60°
17	Type of weld BW Butt weld	BW, FW
18	Parent material group(s) 8.1	1 to 11; 142 only 8.1
19	Filler material group(s) FM5	FM5, nm
20	Filler material typ(s) S	S, M, nm
21	Shielding gas / flux EN ISO 14175-I1	EN ISO 14175-I1
22	Auxiliaries -	-
23	Type of current and polarity DCEN (= -)	DCEN (= -)
24	Material thickness t (mm) -	FW: ≥ 1.00
25	Deposited thickness s (mm) 12.00 ≥ 3 Layers	≥ 1.00
26	Outside pipe diameter (mm) 48.30	≥ 25.00
27	Welding position(s) PH-L045	All except PG
28	Weld details ss gb	ss mb, bs, ss gb
29	Multi layer / single layer FW: sl	FW: sl, ml

30 Additional information: -----
Parent metal: X5CrNiMo17-12-2 (1.4401). Filler: ISO 14343-A W 19 12 3 LSi (ER 316LSi).

The requirements of the Pressure Equipment Directive 2014/68/EU approval of personnel Annex 1, 3.1.2 are fulfilled.

31 Type of tests	Performed and accepted	Not tested
32		
33	Visual testing X	-
34	Radiographic testing X (BW)	-
35	Fracture test X	-
36	Bend test -	X
37	Notch tensile test -	X
38	Macroscopic examination -	X
39	Additional tests -	X

Przemysław Zmitrowicz
Notified Body 0090 for Pressure Equipment

Place, date: Katowice, 2025-10-01
Revalidation method: 9.3 a
Date of welding: 2025-09-16
Validity until: 2028-09-15



40 Revalidation for qualification by examiner or examining body for the following 2 years

Confirmation of the validity by welding coordinator / examiner or examining body for the following 6 months

41 Date	Signature	Position or title
N/A		

Date	Signature	Position or title
BW: 2026-03-		
FW: 2026-03-		
BW: 2026-09-		
FW: 2026-09-		
BW: 2027-03-		
FW: 2027-03-		
BW: 2027-09-		
FW: 2027-09-		
BW: 2028-03-		
FW: 2028-03-		