ZERTIFIKAT ◆ CERTIFICATE ◆ 認証書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

Certification body for personnel
TÜV SÜD Industrie Service GmbH

Industrie Service

1 WELDERS'S QUALIFICATION TEST CERTIFICATE

2	Designation(s)	**ISO 9606-1 135 P BW FM1 S s12.0 PA ss nb**
4	WPS - Reference	WPS 01 (02)
5	Reference No. (if available):	Certificate No.: Z-EU-RO-BUC-25-10-2426612-09140615
6	Welder's name:	[redacted] **(CAN 1)**
8	Method of identification:	Identity card
9	Date and place of birth:	5/17/1990 Satu Mare, Jud. SM
10	Employer:	CAN PROD COATING SRL
11	Code / Testing Standard:	EN ISO 9606-1
	Remark:	

12 Job knowledge: not tested

13		Weld test details	Range of approval
14	Welding process(es)	135-D (MAG) short arc (metal wire)	138, 135 (incl. short arc)
15	Plate or tube	P (Plate)	P, T*
16	Joint type	BW (butt weld plus fillet weld pos. PB)	BW, FW
17	Filler metal group	FM1 (unalloyed / fine grain)	FM1, FM2
18	Filler metal type	solid wire (S)	Solid and cored wire (S, M)
	Designation (type of current +/-)	G 42 4 M21 3Si1 (DC+)	---
19	Shielding gas / flux	ISO 14175 - M21	Suitable shielding gas
20	Base material/auxiliaries	Group 1.2	----
21	Thickness (mm)	12	≥ 3
22	Outside tube diameter (mm)		*Tube(fixed) ≥ 500; PA,PB (rotating) ≥ 75
23	Welding positions	PA (flat)	BW:PA; FW:PA,PB
24	Details of welding	ss nb (single sided without backing)	ss nb/mb,bs,ss gb/fb,sl,ml

25 Notes: Fillet welds in the scope according to 5.4.e were verified by fillet weld test pieces in welding position PB.

26	Type of test	Performed and accepted	Not tested
27			
28			
30	Visual testing	yes	-
31	Radiographic testing	-	x
32	Magn. particle / penetr.	-	x
33	Notch tensile test	-	x
34	Fracture test	Yes	
35	Bend test	yes	-
36	Macro test	-	x

Name and signature: Razvan Vaida
Certifier
Certification body for personnel
Date of welding: 9/22/2025
Location: Bukarest
Date: 10/9/2025

Validity of approval until 9/21/2028
- validity determined with reference to 9.3.a -

Prolongation for approval by the examining body or by the welding coordinator for the following six months (acc. to 9.2.)

Date	Signature	Position or title

37 Prolongation for approval by the examining body or by the
38 welding coordinator for the following six months (acc. to 9.2.)

39

Date	Signature	Position or title

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Certification body for personnel
TÜV SÜD Industrie Service GmbH

Industrie Service

1 WELDERS'S QUALIFICATION TEST CERTIFICATE

2	Designation(s)	**ISO 9606-1 135 P BW FM1 S s12.0 PA ss nb**
4	WPS - Reference	WPS 01 (02)
5	Reference No. (if available):	Certificate No.: Z-EU-RO-BUC-25-10-2426612-09133614
6	Welder's name:	[redacted] **(CAN 2)**
8	Method of identification:	Identity card
9	Date and place of birth:	10/20/1991 Satu Mare, Jud. SM
10	Employer:	CAN PROD COATING SRL
11	Code / Testing Standard:	EN ISO 9606-1
	Remark:	

12 Job knowledge: not tested

13		Weld test details	Range of approval
14	Welding process(es)	135-D (MAG) short arc (metal wire)	138, 135 (incl. short arc)
15	Plate or tube	P (Plate)	P, T*
16	Joint type	BW (butt weld plus fillet weld pos. PB)	BW, FW
17	Filler metal group	FM1 (unalloyed / fine grain)	FM1, FM2
18	Filler metal type	solid wire (S)	Solid and cored wire (S, M)
	Designation (type of current +/-)	G 42 4 M21 3Si1 (DC+)	---
19	Shielding gas / flux	ISO 14175 - M21	Suitable shielding gas
20	Base material/auxiliaries	Group 1.2	----
21	Thickness (mm)	12	≥ 3
22	Outside tube diameter (mm)		*Tube(fixed) ≥ 500; PA,PB (rotating) ≥ 75
23	Welding positions	PA (flat)	BW:PA; FW:PA,PB
24	Details of welding	ss nb (single sided without backing)	ss nb/mb,bs,ss gb/fb,sl,ml

25 Notes: Fillet welds in the scope according to 5.4.e were verified by fillet weld test pieces in welding position PB.

26	Type of test	Performed and accepted	Not tested
30	Visual testing	yes	-
31	Radiographic testing	-	x
32	Magn. particle / penetr.	-	x
33	Notch tensile test	-	x
34	Fracture test	Yes	
35	Bend test	yes	-
36	Macro test	-	x

Name and signature: Razvan Vaida
Certifier
Certification body for personnel
Date of welding: 9/22/2025
Location: Bukarest
Date: 10/9/2025

Validity of approval until 9/21/2028
- validity determined with reference to 9.3.a -

Prolongation for approval by the examining body or by the welding coordinator for the following six months (acc. to 9.2.)

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38 welding coordinator for the following six months (acc. to 9.2.)

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Date	Signature	Position or title

Date	Signature	Position or title

ZERTIFIKAT ◆ CERTIFICATE ◆ 認証書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

Certification body for personnel
TÜV SÜD Industrie Service GmbH

Industrie Service

1 WELDERS'S QUALIFICATION TEST CERTIFICATE

2	Designation(s)	**ISO 9606-1 135 P BW FM1 S s12.0 PA ss nb**
4	WPS - Reference	WPS 01 (02)
5	Reference No. (if available):	Certificate No.: Z-EU-RO-BUC-25-10-2426612-09140550
6	Welder's name:	[redacted] (CAN 3)
8	Method of identification:	Identity card
9	Date and place of birth:	9/12/1988 Ardud, Jud. SM
10	Employer:	CAN PROD COATING SRL
11	Code / Testing Standard:	EN ISO 9606-1
	Remark:	

12 Job knowledge: not tested

13

14		Weld test details	Range of approval
14	Welding process(es)	135-D (MAG) short arc (metal wire)	138, 135 (incl. short arc)
15	Plate or tube	P (Plate)	P, T*
16	Joint type	BW (butt weld plus fillet weld pos. PB)	BW, FW
17	Filler metal group	FM1 (unalloyed / fine grain)	FM1, FM2
18	Filler metal type	solid wire (S)	Solid and cored wire (S, M)
	Designation (type of current +/-)	G 42 4 M21 3Si1 (DC+)	---
19	Shielding gas / flux	ISO 14175 - M21	Suitable shielding gas
20	Base material/auxiliaries	Group 1.2	----
21	Thickness (mm)	12	≥ 3
22	Outside tube diameter (mm)		*Tube(fixed) ≥ 500; PA,PB (rotating) ≥ 75
23	Welding positions	PA (flat)	BW:PA; FW:PA,PB
24	Details of welding	ss nb (single sided without backing)	ss nb/mb,bs,ss gb/fb,sl,ml

25 Notes: Fillet welds in the scope according to 5.4.e were verified by fillet weld test pieces in welding position PB.

26	Type of test	Performed and accepted	Not tested
30	Visual testing	yes	-
31	Radiographic testing	replaced by UT	-
32	Magn. particle / penetr.	yes (PT-Test)	-
33	Notch tensile test	-	x
34	Fracture test	Yes (FW)	
35	Bend test	yes	-
36	Macro test	yes	-

Name and signature: Razvan Vaida
Certifier
Certification body for personnel
Date of welding: 9/22/2025
Location: Bukarest
Date: 10/9/2025

Validity of approval until 9/21/2028
- validity determined with reference to 9.3.a -

Prolongation for approval by the examining body or by the welding coordinator for the following six months (acc. to 9.2.)

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Date	Signature	Position or title

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ZERTIFIKAT - QUALIFIZIERUNG VON SCHWEISSVERFAHREN (WPQR)

WELDING PROCEDURE QUALIFICATION RECORD / CERTIFICAT DE QUALIFICATION D´UN MODE OPÉRATOIRE DE SOUDAGE

Zertifizierstelle: TÜV SÜD Industrie Service GmbH
Certification Body: **Westendstraße 199**
Organisme de certification: **D-80686 München**

Zeichen: TÜV SÜD ROMÂNIA SRL
Sign:
Sign.:

Hersteller / Anschrift: SC CAN PROD COATING SRL
Manufacturer / Address: SATU MARE
Constructeur / Adresse:

Beleg-Nr. des Herstellers:
Manufacturer´s Reference No.: WPS 02
N° de référence du constructeur:

Vorschrift/Prüfnorm: EN ISO 15614-1:2017+A1:2019, level 2
Code/Testing Standard:
Code/Norme d´essai:

Datum der Schweißung: 22.09.2025
Date of Welding:
Date du soudage:

GELTUNGSBEREICH - *RANGE OF APPROVAL - DOMAINE DE VALIDITÉ*

Schweißprozeß/EN ISO 4063: ISO 4063 -135 (metal-arc active gas welding)
Welding Process:
Procédé de soudage:

Nahtart: FW sl;
Joint Type: *)
Type de joint:

Werkstoffgruppe: Group 1 – Group1 ;S355J2+N-EN 10025-5 in Group 1 (sub-group 1.2) **)in accordance with the grouping system of ISO/TR 15608
Parent Metal Group:
Matériaux:

Dicke des Grundwerkstoffs [mm]: 12÷24;
Parent Metal Thickness [mm]:
Épaisseur du matériau [mm]:

Schweißgutdicke[mm] -
Weld thickness:
Épaisseur de soudage:

Kehlnahtdicke[mm] 4,0-9,0
Fillet weld thickn.: 0.75a-1,5a
Épaisseur de filet:

Außendurchmesser [mm]: Ø > 500 ; Ø > 150 when welded in PC, PF rotated position or in PA rotated position
Pipe Outside Diameter [mm]:
Diamètre extérieur [mm]:

Zusatzwerkstoff/Bezeichn.: EN ISO14341A – G42 4 M21 3Si1
Filler Metal Type/Designation:
Caractéristique du métal d´apport:

Stromart: (DCEP: Direct Current, Electrode Positive)
Type of Welding Current:
Nature de courant de soudage:

Wärmeeinbringung [kJ/mm]: -25% Refer to Paragraph 8.4.7 – EN 15614-1
Heat Input:
Énergie de soudage:

Tropfenübergang Spray Arc
Transfer mode:
Mode de transfert:

Schutzgas / Wurzelschutz: ISO 14175 –M21 ; A deviation of max. ±20 % (relative) of the nominal composition of the CO2 content is allowed; pct 8.5.
Shielding Gas / Backing Gas:
Gaz de protection / Purge:

Pulver: N/A
Flux:
Flux:

Schweißpositionen: PB-All, excepted PG and J-L045 (refer to Paragraph 8.4.2 – EN 15614-1) .
Welding Positions:
Positions de soudage:

Betriebstemperatur: Wie Grundwerkstoff bzw. Zusatzwerkstoff, jedoch nicht tiefer als -20 °C
Working Temperature: *As base material and filler metal respectively, however not lower than/*
Température de service: *Comme métal de base et métal d´apport respectivement, pourtant non sous*

Vorwärmung: >5 ° C(refer to Paragraph 8.4.8 – EN 15614-1)
Preheat:
Préchauffage:

Zwischenlagentemperatur[°C]: -
Interpass Temperature [°C]:
Température entre passes [°C]:

Wärmenachbehandlung: N/A
Post Weld Heat Treatment:
Traitement thermique aprés soudage:

Gültigkeit der Prüfung: N/A
Validity of Approval:
Validité duCertificat:

SONSTIGE ANGABEN - *OTHER INFORMATION - AUTRES PARAMÈTRES*

The qualification given is restricted to the 135 manual welding process (no mechanization) Reference picture for texture examination: see Annex 1.

Hiermit wird bestätigt, dass die Prüfstücke in Übereinstimmung mit den Anforderungen der vorbezeichneten Vorschriften bzw. Prüfnormen zufriedenstellend vorbereitet, geschweißt und geprüft wurden. */ Certified that test pieces were prepared, welded and tested satisfactorily in accordance with the requirements of the code or the testing standard indicated above. / Nous certifions que les essais de soudage ont été préparés, soudés et contrôlés avec succès, conformément aux exigences du code ou de la norme d´essai ci-dessus mentionné(e).*

Ort: SATU MARE
Location:
Lieu:

Datum der Ausstellung: 09.10.2025
Date of issue:
Date d´émission:

Name und Unterschrift des Zertifizierers: Dr. Eng. Vaida Ovidiu
Name and Signature:
Nom et signature:

Anlagen: 1(see Annex 1)
Annexes:
Annexes:

Zertifizierstelle: TÜV SÜD Industrie Service GmbH
Certification Body:
Organisme de certification:

*) Refer to the provisions of clause 8.4.3 - Type of joint/weld, level 2 of welding procedure tests, in EN ISO 15614-1:2017+A1:2019.
**) Refer to Table 5 - Range of qualification for steel groups and sub-groups, in EN ISO 15614-1:2017+A1:2019.
N.A. = not applicable