

WELDER'S QUALIFICATION TEST CERTIFICATE
 R - No. 12347/09

1
 2 Designations: **EN 287-1 111 T BW 1.1 C t07.1 D168.3 J-L045 ss nb**
EN 287-1 111 T BW 1.1 C t06.3 D60.3 J-L045 ss nb
 3 Page: 1 of 1
 4 WPS-Manufacturer: KDS
 5 WPS-Reference No.: 009
 Examining body: TÜV Thüringen
 Reference No.: VM-010/09
 6 Welder's Name: **Arturas Bauraitis**
 7 Identification: 37102260214
 8 Method of identification: Identity card
 9 Date and place of birth: 26 February 1971, Kaunas
 10 Employer: ---
 11 Code/Testing standard: EN 287 Part 1:2004 & A2:2006

Photograph
(if required)

12 Job knowledge: Not tested

13	Test pieces	Range of qualification
14 Welding processes	111	111
15 Product type (plate or pipe)	T	T, P
16 Type of weld	BW	BW, FW *)
17 Material group(s)	1.1	1.1, 1.2, 1.4
18 Welding consumable	C	C
19 Shielding gas / flux	-	Unlimited
20 Auxiliaries (e.g. backing gas)	-	Unlimited
21 Material thickness (mm)	7.1	6.3 BW:3.0 mm to 14.2 mm; FW: >= 3.0 mm
22 Outside pipe diameter (mm)	168.3	>= 30.2 mm
23 Welding positions	J-L045	All positions except PF, H-L045
24 Weld details	ss nb ml	ss mb, ss nb; bs; FW:sl, ml



25 Additional information:
 Parent metal: ST35.8 (EN 10220). Filler: EN 499 E 38 3 C 21 (FOX CEL, Böhler)
 *) In cases where the majority of work is fillet welding, an appropriate fillet welding test is required (see 5.4 b). Qualified for branch angles >=60°.

26	27 Type of tests	Performed and accepted	Not tested
28	29 Visual testing	X	-
	30 Radiographic testing	X	-
	31 Fracture test	-	X
	32 Bend test	-	X
	33 Notch tensile test	-	X
	34 Macroscopic examination	-	X
	35 Additional tests	-	X

Signature: *Romas Skripka*
 Examining body: **The Certification Authority for Pressure Equipment of the TÜV Thüringen e. V.**
 Notified Body No. 0090
 Place: Vilnius, 15/06/09
 Date of welding: 22 May 2009
 Validity until: 21 May 2011

36 Prolongation for qualification by examiner or examining body for the following 2 years (refer to 9.3)

37	Date	Signature	Position or title

Confirmation of the validity by employer/welding coordinator for the following 6 months (refer to 9.2)

Date	Signature
2009.05.22	<i>Marius Lazenas</i>



Translation of printed text on the reverse side × Übersetzung des Formblattes auf der Rückseite × Traduction des rubriques imprimés au verso

WELDER'S QUALIFICATION TEST CERTIFICATE

R-No. 12345/09

1
 2 Designation(s): **EN 287-1 135/111 T BW 1,1 S/B 17.1(3.0/4.1) D168.3 H-L045 ss nb/mb**
 (135 T BW 1,1 S 13 D168.3 H-L045 ss nb / 111 T BW 1,1 B 14.1 D168.3 H-L045 ss mb)

3 Page: 1 of 1

4 WPS Manufacturer: KDS
 5 WPS Reference No.: 249

Examining body: TÜV Thüringen
 Reference No.: VM-010/09

6 Welder's Name: **Arturas Bauraitis**

7 Identification: 37102260214

8 Method of identification: Identity card
 9 Date and place of birth: 26 February 1971, Kaunas
 Photograph (if required)

10 Employer: ---

11 Code/Testing Standard: EN 287 Part 1:2004 & A2:2006

12 Job knowledge: Not tested

13	Test piece	Range of qualification
14 Welding process(es)	Root: 135 Fill: 111	135/111, 135, 111
15 Product type (plate or pipe)	T	T, P
16 Type of weld	BW	BW, FW *)
17 Material group(s)	1.1	1.1, 1.2, 1.4
18 Welding consumable	135: S 111: B	135: S; 111: B, A, RA, RB, RC, RR, R
19 Shielding gas / flux	EN 439-M21	Unlimited
20 Auxiliaries (e.g. backing gas)	=	Unlimited
21 Weld metal thickness (mm)	135: 3.0 111: 4,1	135/111: BW: 3.0 mm to 14.2 mm; FW: \geq 3.0 mm; 135: BW: 3.0 to 6.0; FW: \geq 3.0; 111: BW: 3.0 to 6.2; FW: \geq 3.0 mm
22 Outside pipe diameter (mm)	168.3	\geq 84.2 mm
23 Welding positions	H-L045	All positions except PG, J-L045
24 Weld details	135: ss nb 111: ss mb	135: ss mb, ss nb; bs; 111: ss mb; bs; 135/111: ss nb; FW: sl, ml



25 Additional information:
 Parent metal: s135 B (EN 10220); Filler: Ultramac R300 (EN 440 G3811), LH-D80 (EN ISO 2560-A: E 46 4 Z1Ni B 4 5 H5
 *) In cases where the majority of work is fillet welding, an appropriate fillet welding test is required (see 5.4 b). Qualified for branch angles $\leq 60^\circ$

26	Performed and accepted	Not tested
27 Type of test		
28 Visual testing	X	-
29 Radiographic testing	X	-
30 Fracture test	-	X
31 Bend test	X	-
32 Notch tensile test	-	X
33 Macroscopic examination	-	X
34 Additional tests	-	X

Signature: *Romas Skripka*
 Examining body: The Certification Authority for Pressure Equipment of the TÜV Thüringen e. V.
 Notified Body No. 0090

Place: Vilnius, 15/06/09
 Date of welding: 22 May 2009
 Validity until: 21 May 2011

36 Prolongation for qualification by examiner or examining body for the following 2 years (refer to 9.3)

Confirmation of the validity by employer/welding coordinator for the following 6 months (refer to 9.3)

Date	Signature	Position or title

Date	Signature	Position or title
2009.05.22	<i>Marius Lazauskas</i>	Užduočių atlikėjas Marius Lazauskas

Translation of printed text on the reverse side = Übersetzung des Formblattes auf der Rückseite = Traduction des rubriques imprimés au verso

WELDER'S QUALIFICATION TEST CERTIFICATE
 R - No. 12345/09

1
 2 Designations: **EN 287-1 111 T BW 1.1 B t07.1 D168.3 H-L045 ss nb**
EN 287-1 111 T BW 1.1 B t06.3 D60.3 H-L045 ss nb
 3 Page: 1 of 1
 4 WPS-Manufacturer: KDS
 5 WPS-Reference No.: 049;072
 Examining body: TÜV Thüringen
 Reference No.: VM-010/09
 6 Welder's Name: **Arturas Bauraitis**
 7 Identification: 37102260214
 8 Method of Identification: Identity card
 9 Date and place of birth: 26 February 1971, Kaunas
 Photograph (if required)
 10 Employer: ---
 11 Code/Testing standard: EN 287 Part 1:2004 & A2:2006

12 Job knowledge: Not tested

13	Test pieces	Range of qualification
14 Welding processes	111	111
15 Product type (plate or pipe)	T	T, P
16 Type of weld	BW	BW, FW *)
17 Material group(s)	1.1	1.1, 1.2, 1.4
18 Welding consumable	B	Root: B; Fill: B, A, RA, RB, RC, RR, R
19 Shielding gas / flux	-	Unlimited
20 Auxiliaries (e.g. backing gas)	-	Unlimited
21 Material thickness (mm)	7.1	6.3
22 Outside pipe diameter (mm)	168.3	60.3
23 Welding positions	H-L045	H-L045
24 Weld details	ss nb ml	ss nb ml

25 Additional information:
 Parent metal: sT35.8 (EN 10220), Filler: EN ISO 2560A E46 2 B 12 H5 (P48P, Elga), EN ISO 2560A E42 5 B 42 H5 (P48M, Elga)
 *) In cases where the majority of work is fillet welding, an appropriate fillet welding test is required (see 5.4 b). Qualified for branch angles >=60°

26	Performed and accepted	Not tested
27 Type of tests		
28		
29 Visual testing	X	-
30 Radiographic testing	X	-
31 Fracture test	-	X
32 Bend test	-	X
33 Notch tensile test	-	X
34 Macroscopic examination	-	X
35 Additional tests	-	X

Signature: *Romas Skripka*
 Examining body: **The Certification Authority for Pressure Equipment of the TÜV Thüringen e. V. Notified Body No. 0090**

Place: Vilnius, 15/06/09
 Date of welding: 22 May 2009
 Validity until: 21 May 2011

36 Prolongation for qualification by examiner or examining body for the following 2 years (refer to 9.3)

Date	Signature	Position or title

Confirmation of the validity by employer/welding coordinator for the following 6 months (refer to 9.2)

Date	Signature	Position or title
2009.05.22	<i>Manus Lazenas</i>	

Translation of printed text on the reverse side * Übersetzung des Formblattes auf der Rückseite * Traduction des rubriques imprimés au verso

WELDER'S QUALIFICATION TEST CERTIFICATE
R-No. 12348/09

2 Designation: **EN 287-1 111 T BW 1.1 B t06.3 D60.3 H-L045 ss nb**

3 Page: 1 of 1

4 WPS-Manufacturer: KDS
5 WPS-Reference No.: 049;072

6 Welder's Name: **Arturas Bauraitis**

7 Identification: 37102260214

8 Method of identification: Identity card
9 Date and place of birth: 26 February 1971, Kaunas
10 Employer: ---
11 Code/Testing Standard: EN 287 Part 1:2004 & A2:2006

12 Job knowledge: Not tested

Examining body: TÜV Thüringen
Reference No.: VM-010/09

Photograph
(if required)

13	Test piece	Range of qualification
14 Welding process	111	111
15 Product type (plate or pipe)	T	T, P
16 Type of weld	BW	BW, FW *)
17 Material group(s)	1.1	1.1, 1.2, 1.4
18 Welding consumable	B	Root: B; Fill: B,A,RA,RB,RC,RR,R
19 Shielding gas / flux	-	Unlimited
20 Auxiliaries (e.g. backing gas)	-	Unlimited
21 Material thickness (mm)	6.3	BW:3.0 mm to 12.6 mm; FW:>=3.0 mm
22 Outside pipe diameter (mm)	60.3	>= 30.2 mm
23 Welding positions	H-L045	All positions except PG,J-L045
24 Weld details	ss nb ml	ss mb,ss nb; bs; FW:sl, ml



25 Additional information:
Parent metal: sT35.8 (EN 10220). Filler: LH-D80 (EN ISO 2560-A: E 46 4 Z1Ni B 4 5 H5
*) In cases where the majority of work is fillet welding, an appropriate fillet welding test is required (see 5.4 b). Qualified for branch angles >=60°

26	Type of tests	Performed and accepted	Not tested
27	Visual testing	X	-
28	Radiographic testing	X	-
29	Fracture test	-	X
30	Bend test	-	X
31	Notch tensile test	-	X
32	Macroscopic examination	-	X
33	Additional tests	-	X

Signature: Romas Skripka
Examining body: The Certification Authority for Pressure Equipment of the TÜV Thüringen e. V.
Notified body No. 0090

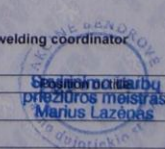
Place: Vilnius, 15/06/09
Date of welding: 22 May 2009
Validity until: 21 May 2011

36 Prolongation for qualification by examiner or examining body for the following 2 years (refer to 9.3)

37	Date	Signature	Position or title

Confirmation of the validity by employer/welding coordinator for the following 6 months (refer to 9.2)

Date	Signature	Position or title
2009.05.22	<i>Marius Lazauskas</i>	Techninis darbu prižiūrojo meistras Marius Lazauskas



Translation of printed text on the reverse side * Übersetzung des Formblattes auf der Rückseite * Traduction des rubriques imprimés au verso