Certificate N°: 186301/5743/180510-1 IND

Ref: BO 500 1764



Page N°: 1/1



WELDING PROCEDURE QUALIFICATION RECORD (WPQR) KVALIFIKACIJA TEHNOLOGIJE ZAVARIVANJA

Manufacturer's Welding Procedure Specification Prethodna specifikacija tehnologije zavarivanja

ST-WPS1-FW-135

Inspection body: Kontrolno telo:

SGS Beograd

Reference No/ Broj izveštaja.: 50-2 0291/18

žje kvalifikacije: 135 FW FW	11000 Beograd RPS EN ISO 15614-1:2017 .04.2018. (MAG, manual welding) acc. to EN ISO 4063 , single run/ jedan prolaz, (testing piece/ispitni uzorak); , single run/ jedan prolaz , (range of qualification/opseg kvalifikacije)
27 Čje kvalifikacije: 135 FW FW	.04.2018. (MAG, manual welding) acc. to EN ISO 4063 , single run/ jedan prolaz, (testing piece/ispitni uzorak):
čje kvalifikacije: 135 FW FW 1.2	(MAG, manual welding) acc. to EN ISO 4063 , single run/ jedan prolaz, (testing piece/ispitni uzorak):
135 FW FW 1.2	, single run/ jedan prolaz, (testing piece/ispitni uzorak):
FW FW	, single run/ jedan prolaz, (testing piece/ispitni uzorak):
FW 1.2	, single run/ jedan prolaz, (testing piece/ispitni uzorak); , single run/ jedan prolaz,(range of qualification/opseg kvalifikacije)
1.2	
(mana)	acc.to SRPS CEN ISO/TR 15608 with yield point ReH ≤355MPa , S355J2+N
ila (mm):	(testIng piece/ispitni uzorak); 6 - 24 (range of qualification/opseg kvalifikacije)
n):	
ation: G42	2 5 M/C G3Si1 (EN ISO 14341-A);
mm): a5 ((testing piece/ispitni uzorak); 3.75 – 7,5 (range of qualification/opseg kvalifikacije)
a (mm): Ø1,	2;
SRI	PS EN ISO 14175- M21 ,
DC	+;
1,2	8 + 1,47;
SRI	PS EN ISO 6947 – PB;
: 1	
anja bez	√ without
N/A	
1 6): ation: G4: mm): a (mm): Ø1, SR DC 1,2 SR : / : / anja bez

SGS Beograd Ltd. Jurija Gagarina 7b

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Date of Issue: Datum izdavanja:.

Name and signature Ime i potpis

Gordan Mandić B.Sc., SRB/IWI-C /00012.

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Ref: BO 500 1764







WELDING PROCEDURE QUALIFICATION RECORD (WPQR) KVALIFIKACIJA TEHNOLOGIJE ZAVARIVANJA

Manufacturer's Welding Procedure Specification Prethodna specifikacija tehnologije zavarivanja ST-WPS2-FW-135

Inspection body: Kontrolno telo:

SGS Beograd

Reference No/ Broj izveštaja.: 50-2 0291/18

Manufacturer : Proizvođač:	Synergy Tech	1 d.o.o,	
ddress:	Gostivarska	70 월1 , 11000 Beograd	
ode/Testing Standard		SRPS EN ISO 15614-1:2017	
Date of welding : Datum zavarivanja :		27.04.2018.	
ange of Approval /	Područje kvalifikac	sile:	
Velding Process/ :		135 (MAG, manual welding) acc. to EN ISO 4063	
Joint Type : Tip spoja:		FW, single run,/ jedan prolaz (testing piece/ispitni uzorak); FW,-single run/ jedan prolaz, (range of qualification/opseg kvalifikacije)	
Parent Metal Group(s): Grupa osnovnog materijala:		1.2 acc.to SRPS CEN ISO/TR 15608 with yield point ReH ≤355MPa ,S355J2+N	
Parent Material Thickness (mm): Debljina osnovnog materijala (mm):		30 (testing piece/ispitni uzorak); ≥ 5 (range of qualification/opseg kvalifikacije)	
Pipe Outside Diameter (mm): Spoljašnji prečnik cevi (mm):			
Filler Material Type/Designation: Dodatni material :		G42 5 M/C G3Si1 (EN ISO 14341-A);	
Throat thickness (mm): Debljina zavarenog spoja (mm):		a 6	
Filler Metal size (mm): Prečnik dodatnog materijala (mm):		Ø1,2;	
Shielding Gas / Flux: Zaštitni gas/prašak :		SRPS EN ISO 14175- M21 ,	
Type of Welding Current: Struja za zavarivanje :		DC+;	
Heat input(kJ/mm): Unos toplote(kJ/mm):		1,28 + 1,47;	
Welding Position: Položaj zavarivanja :		SRPS EN ISO 6947 - PB;	
Preheat temperature: Temperatura predgrevanja:			
Interpass Temperature: Međuprolazna temperature:		I Described a service of the service	
Post Weld Heat Treatment: Term.obrada posle zavarivanja		bez/ without	
Other Information: Ostali podaci :		N/A	

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18.05.2018

Name and signature Ime i potpis

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Approved by Odobrio Marinko Ukropina B.Sc. Belgrade \

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Ref: BO 500 1764







WELDING PROCEDURE QUALIFICATION RECORD (WPQR) KVALIFIKACIJA TEHNOLOGIJE ZAVARIVANJA

Manufacturer's Welding Procedure Specification Prethodna specifikacija tehnologije zavarivanja

ST-WPS3-FW-135

Inspection body: Kontrolno telo:

SGS Beograd

Reference No/ Broj izveštaja : 50-2 0291/18

Manufacturer: Synergy Tech d.o.o, Proizvođač: Address: Gostivarska 70 ž/1, 11000 Beograd Adresa Code/Testing Standard : Primenjeni standard : SRPS EN ISO 15614-1:2017 Date of welding :

27.04.2018.
sije.
135 (MAG, manual welding) acc. to EN ISO 4063
BW,-ml,-ss-nb, (testing piece/ispitni uzorak); BW,-ml,-ss-mb,-bs, FW (range of qualification/opseg)
1.2 acc.to SRPS CEN ISO/TR 15608 with yield point ReH ≤355MPa , S355J2+N
12 (testing piece/ispitni uzorak); 3 - 24 (range of qualification/opseg kvalifikacije)
> 500mm, for PA or PC rot. > 150mm
G42 5 M/C G3Si1 (EN ISO 14341-A);
Ø1,2;
SRPS EN ISO 14175- M21 ,
DC+;
0,37 + 0,73;
SRPS EN ISO 6947 - PA;
Production of the second secon
1
bez/ without
N/A

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