

WELDER APPROVAL CERTIFICATE
ACCORDING TO UNI EN ISO 9606-1:2013



No. 17SX00258PO1

Designation	UNI EN ISO 9606-1 135-D P BW FM1 S t12 PF ss nb		
Welder	ASTRATENIE MIHAITA		
Born in	CODAESTI-ROMANIA	on	20/10/1975
Identification	1751020354752	Method of Identification	C.I. Stamp No. AM
Employed by	PRESUD TECHNOLOGY SRL - Timisoara (TM)		

WPS used by welder during welding of test coupon: **PRT-01**

Job knowledge: **not tested**

Welding variables	Test piece	Range of qualification
Welding process(es)	135-D	135; 138
Transfer mode	Short-arc	Short, spray, globular and pulsed-arc
Product type	Plate	Plates and pipes
Type of weld	BW	Butt weld
Parent Metal group (ISO/TR 15608)	1.2	1 to 11
Filler material group(s)	FM1	FM1, FM2
Filler material type	Solid wire	Solid wire/electrode core: M
Shielding gas (EN ISO 14175)	ISO 14175 - M21	All compatible
Type of current and polarity	DC EP	All compatible
Deposited thickness (mm)	12	>= 3
Pipe outside diameter (mm)	N.A.	PA 75 and over; PF 500 and over
Welding position(s)	PF	PA, PF
Weld details / Layer technique	ss nb	ss nb, ss mb, bs, ss gb, ss fb

Type of test							
Visual	Acceptable	Radiographic	Not tested	Magnetic particle	Not tested	Penetrant	Not tested
Macro	Not tested	Fracture	Acceptable	Bend	Not tested		

This certificate is valid from **29 September 2017** to **29 September 2020**
 Issued at **GENOVA** on **8 November 2017**

This certificate consist of 2 pages

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SGQ N° 002 A SS1 N° 001 G
 SGA N° 002 D DAP N° 001 H
 PRO N° 002 B PRS N° 066 C
 SCR N° 003 F LAB N° 0832
 SGE N° 008 M ISP N° 069E
 ITX N° 002 L GHG N° 002 O
 ENAS N° 014 P

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RINA Services S.p.A.
 Via Corsica 12 - 16128 Genova



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WELDER APPROVAL CERTIFICATE
ACCORDING TO UNI EN ISO 9606-1:2013



No. 17SX00258PO3

Designation	UNI EN ISO 9606-1 135-D P FW FM1 S t12 PF ml		
Welder	ASTRATENIE MIHAITA		
Born in	CODAESTI-ROMANIA	on	20/10/1975
Identification	1751020354752	Method of Identification	C.I. Stamp No. AM
Employed by	PRESUD TECHNOLOGY SRL - Timisoara (TM)		

WPS used by welder during welding of test coupon: PRT-04

Job knowledge: not tested

Welding variables	Test piece	Range of qualification
Welding process(es)	135-D	135; 138
Transfer mode	Short-arc	Short, spray, globular and pulsed-arc
Product type	Plate	Plates and pipes
Type of weld	FW	Fillet weld
Parent Metal group (ISO/TR 15608)	1.2	1 to 11
Filler material group(s)	FM1	FM1, FM2
Filler material type	Solid wire	Solid wire/electrode core: M
Shielding gas (EN ISO 14175)	ISO 14175 - M21	All compatible
Type of current and polarity	DC EP	All compatible
Material thickness (mm)	12	>= 3
Pipe outside diameter (mm)	N.A.	PA-PB 75 and over; PF 500 and over
Welding position(s)	PF	PA, PB, PF
Weld details / Layer technique	ml	sl, ml

Type of test							
Visual	Acceptable	Radiographic	Not tested	Magnetic particle	Not tested	Penetrant	Not tested
Macro	Not tested	Fracture	Acceptable	Bend	Not tested		

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SGQ N° 002 A SS1 N° 001 G
 SCA N° 002 D QAP N° 001 H
 PRD N° 002 B PRS N° 006 C
 SCR N° 003 F LAB N° 0032
 SGE N° 008 M ISP N° 009E
 ITX N° 002 L CHG N° 002 O
 EMAS N° 014 P

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WELDER APPROVAL CERTIFICATE
ACCORDING TO UNI EN ISO 9606-1:2013



No. 17SX00258PO4

Designation	UNI EN ISO 9606-1 135-D P FW FM1 S t12 PB ml		
Welder	PAPP IOSIF-ALEXANDRU		
Born in	DETA-ROMANIA	on	19/03/1971
Identification	1710319350313	Method of Identification	C.I. Stamp No. PA
Employed by	PRESUD TECHNOLOGY SRL - Timisoara (TM)		

WPS used by welder during welding of test coupon: PRT-04

Job knowledge: not tested

Welding variables	Test piece	Range of qualification
Welding process(es)	135-D	135; 138
Transfer mode	Short-arc	Short, spray, globular and pulsed-arc
Product type	Plate	Plates and pipes
Type of weld	FW	Fillet weld
Parent Metal group (ISO/TR 15608)	1.2	1 to 11
Filler material group(s)	FM1	FM1, FM2
Filler material type	Solid wire	Solid wire/electrode core: M
Shielding gas (EN ISO 14175)	ISO 14175 - M21	All compatible
Type of current and polarity	DC EP	All compatible
Material thickness (mm)	12	>= 3
Pipe outside diameter (mm)	N.A.	75 and over
Welding position(s)	PB	PA, PB
Weld details / Layer technique	ml	sl, ml

Type of test							
Visual	Acceptable	Radiographic	Not tested	Magnetic particle	Not tested	Penetrant	Not tested
Macro	Not tested	Fracture	Acceptable	Bend	Not tested		

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 PRQ N° 002 B PRS N° 006 C
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