

WELDER APPROVAL TEST CERTIFICATE

1

2 Designation: **EN 287-1 : 141/135 T BW 1.2 S t10(2/8) D88,9 PF ss nb**

4 Manufacturer's Welding Procedure Specification: **EN 287-1:2004**

5 Reference No.: **25**

6 Welder's Name: **MURESAN Marcu**

7 Identification : **C.I. KX 118649 / FSA 18**

8 Method of Identification: **Identification Card / Punching**

9 Date and place of birth: **22.08.1956 - Mihaiesti, Jud. Cluj, Romania**

10 Employer: **S.C. FIMARO S.A. - Cluj-Napoca, Jud. Cluj, Romania**

11 Code / Testing Standard: **EN 287-1:2004**

12 Job knowledge: **Not Tested**

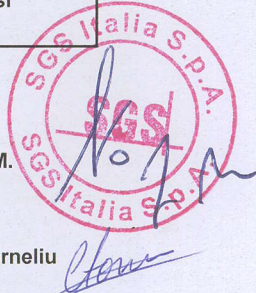
Inspection Company : **SGS Italia S.p.A.**
Reference No.: **PED.VE.1984**

Photograph
(if required)

13	Weld Test Details	Range of approval
14 Welding process:	141/135	141/135
15 Plate or Pipe:	Tube	Plate, Tube & Branch Connection $\geq 60^\circ$
16 Joint type:	BW	BW - TBW
		FW
17 Parent metal group(s):	1.2	1.1 - 1.2 - 1.4
18 Filler metal type / designation:	EN 1668: W4Si1 (S)	Any other similar consumables (S)
Filler metal type / designation:	EN 440: G3 Si1 (S)	Any other similar consumables (S-M)
Covering:	N.A.	N.A.
	for 141 - EN 439: I1;	for 141 - Inert gas;
19 Shielding gas / flux:	for 135 - EN 439: M21	for 135 - active gas
20 Auxiliaries:	N.A.	N.A.
21 Material thickness (mm):	10 (2 / 8)	For BW - 141: 2 to 4; 135: 3 to 16; 141/135: 3 to 20
		For FW: ≥ 3
22 Pipe outside diameter (mm):	88,9	D $\geq 44,5$
23 Welding position:	PF	PA - PB - PD - PE - PF
Back gouging / Backing:	for 141: ss nb, sl	for 141 - BW: ss nb, ss mb, bs; FW: sl
24	for 111: ss mb, ml	for 111 - BW: ss mb, bs; FW: sl, ml

25 Additional information is available on attached sheet and / or welding procedure specification No. : **25**

Approved by: **Nogarín M.**
Notified Body N° **1381**



26	Type of test	Acceptable	Not Required
27,28	Visual	X	
30	Radiography	X	
31	Magnetic Particle / / Dye Penetrant		X
32	Macro	X	
33	Fracture		X
34	Bend	X	
35	Additional tests*		X

Issue by: **TOMA Corneliu**

Date of issue: **04.02.2009**
Location: **Malcontenta (VE) - ITALY**
Validity of approval: **15.01.2009**

Prolongation for approval by employer
supervisor for the following 6 months

37

38 Prolongation for approval by Inspecting Company
for the following two years

Date	signature	Position

39	Date	Signature	Position