

WELDER APPROVAL CERTIFICATE
 ACCORDING TO UNI EN 287-1:2007



No. **09VE00274PO3**

Designation	UNI EN 287-1 141/111 T BW 1.1 S/B t8 D60 H-L045 ss nb		
Welder	LIDRON DIMITRI		
Born in	BASSANO DEL GRAPPA (VI)	on	18/01/1971
Identification	LDRDTR71A18A703I	Method of Identification	C.F. Stamp No. LD
Employed by	TECNOANALISI E SERVIZI SRL-ROMANO D'EZZELINO (VI)		

WPS used by welder during welding of test coupon: **03/08**

Job knowledge: **not tested**

Welding variables	Test piece	Range of qualification
Welding process	141/111	141/111
Plate or pipe	T	Plates and pipes
Joint type	BW	Butt and fillet *
Material group(s) CR ISO 15608	1.1	1.1, 1.2, 1.4
Welding consumable	141: Solid rod	Solid rod/Electrode core: M/No filler metal
	111: B	A,RA,RB,RC,RR,R,B
Shielding gases	141: EN 14175: I 1	All compatible
	111: N.A.	N.A.
Material thickness (mm)	8	141: 3 to 6
		111: 3 to 10
		141/111: 3 to 16
Pipe outside diameter (mm)	60	30 and over
Welding position(s)	H-L045	PA, PB, PC, PD, PE, PF, H-L045
Weld details	ss nb	141: ss nb,ss mb,bs FW sl/ml
		111: ss nb,ss mb,bs FW sl/ml

*Qualify also branch connections with an angle $\geq 60^\circ$

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

This certificate is valid until	August 2011	
Issued at	GENOVA	on 07 September 2009

This certificate consist of 2 pages

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Form INDSAL3-Cer-EE-04/07

Luca Muffa



SGO N° 002A
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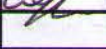
RINA S.p.A.
 Via Corsica 12 - 16128 Genova



Cript. Code: 5BcP879628m042VE26u1z94C73474212

Prolongation for approval by employer /
coordinator for the following 6 months

Prolongation for approval by examiner or
test body for the following 2 years

Date	Signature	Position of title	Date	Signature	Position of title
18-03-2010		TEC IMPIANTI s.r.l.			
24-09-2010		TEC IMPIANTI s.r.l.			
18-03-2011		TEC IMPIANTI s.r.l.	16-09-2011		TEC IMPIANTI s.r.l.
16-09-2011		TEC IMPIANTI s.r.l.			
16-03-2011		TEC IMPIANTI s.r.l.			
21-09-2012		TEC IMPIANTI s.r.l.			

The validity of this certificate is subject to compliance with the RINA document "Rules for the Certification of Industrial Welders and Welding Operators" in force upon release of this certificate

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**WELDER APPROVAL CERTIFICATE
ACCORDING TO UNI EN 287-1:2007**



No. **09VE00274PO8**

Designation	UNI EN 287-1 141/111 T BW 8 S/B t8 D60 H-L045 ss nb		
Welder	LIDRON DIMITRI		
Born in	BASSANO DEL GRAPPA (VI)	on	18/01/1971
Identification	LDRDTR71A18A703I	Method of Identification	C.F. Stamp No. LD
Employed by	TECNOANALISI E SERVIZI SRL-ROMANO D'EZZELINO (VI)		

WPS used by welder during welding of test coupon: **01/08**

Job knowledge: **not tested**

Welding variables	Test piece	Range of qualification
Welding process	141/111	141/111
Plate or pipe	T	Plates and pipes
Joint type	BW	Butt and fillet *
Material group(s) CR ISO 15608	8	8, 9.2 + 9.3, 10 **
Welding consumable	141: Solid rod	Solid rod/Electrode core: M/No filler metal
	111: B	A,RA,RB,RC,RR,R,B
Shielding gases	141: EN 14175: I 1	All compatible
	111: N.A.	N.A.
Material thickness (mm)	8	141: 3 to 6
		111: 3 to 10
		141/111: 3 to 16
Pipe outside diameter (mm)	60	30 and over
Welding position(s)	H-L045	PA, PB, PC, PD, PE, PF, H-L045
Weld details	ss nb	141: ss nb,ss mb,bs FW sl/ml
		111: ss nb,ss mb,bs FW sl/ml

*Qualify also branch connections with an angle $\geq 60^\circ$

**Qualify also all combinations with material group 8 or 10 to other material groups, using filler metal groups 8 or 10

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

This certificate is valid until **August 2011**

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SGA N° 002D
PRD N° 002B
PRS N° 006C
SCR N° 003F
SSI N° 001G

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Prolongation for approval by examiner or test body for the following 2 years

Date	Signature	Position of title	Date	Signature	Position of title
19-03-2010	<i>[Signature]</i>	TEC IMPIANTI s.r.l.			
24-08-2010	<i>[Signature]</i>	TEC IMPIANTI s.r.l.			
18-03-2011	<i>[Signature]</i>	TEC IMPIANTI s.r.l.	16-09-2011	<i>[Signature]</i>	TEC IMPIANTI s.r.l.
16-09-2011	<i>[Signature]</i>	TEC IMPIANTI s.r.l.			
16-03-2012	<i>[Signature]</i>	TEC IMPIANTI s.r.l.			
21-09-2011	<i>[Signature]</i>	TEC IMPIANTI s.r.l.			

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