



S.n.c. officine meccaniche
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Raccordi in acciaio per impianti ad alta pressione
Steel fittings for high pressure plants

CLIENTE / Purchaser SAMIC SRL ORDINE / Order VARI	CERTIFICATO DI COLLAUDO Works certificate EN 10204 3.1.8 N. 2243 DEL/DY 18/11/2001	FOGLIO Sheet 1
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ITEM Item	QUANTITÀ Quantity	DESCRIZIONE / Description	COLATA Heat	MATERIALE Material	CERTIF. ORIG. Orig. certif.	ACCIAIERIA Steel plant
10	10	ELBOW 90° 1.1/2 3000 NPT A105 010320RD114R0	0MM	A105	50558/2338	ACC. VERETEC
11	6	ELBOW 90° 1.1/2 3000 NPT F304L	409953	A102 F304L/304	9434/1435.5	ACC. VALCORUM
12	11	RED. COUPL. 2 x 1/2 3000 SW A105	2602	A105	21045.0MM	PAPANI
13	10	RED. COUPL. 2.1/2x2 3000 SW A105	2FDF	A105	833/838.1	CE-ST
14	10	RED. COUPL. 2.1/2x2 3000 SW A105	45794	A105	838/733.1	M.N.B.
15	10	HALF COUPLING 1/2 3000 SW A105	7690	A105	27196.0MM	PAPANI ACC.
16	17	PIPE/NIP. 1/2x100 8.00 PE/TE WPB	11045	A106/B	75315/644.4	PIETRA
17	6	COUPLING 3/4 3000 SW F304L	475025	A312 TP304L/304	101/765.6	ZHEJIANG/TAD
18	9	PIPE/NIP. 1/4x100 5.80 PE/TE WPB	1795	A106/B	55709/566.4	PIETRA

ANALISI CHIMICA - Chemical Analysis

COLATA Heat	C %	Mn %	Si %	P %	S %	Ni %	Cr %	Mo %	Ti %	V %	Cu %	Al %	Nb %	N %	%	%	C.E. %
0MM	0.167	1.16	0.25	0.009	0.008	0.12	0.09	0.035		0.004	0.275	0.035	0.004				0.41
409953	0.015	1.50	0.67	0.030	0.024	0.22	18.10							0.070			
2602	0.190	0.96	0.20	0.012	0.021	0.06	0.07	0.010		0.003	0.180	0.005	0.001				0.30
2FDF	0.207	0.96	0.22	0.012	0.013	0.02	0.15	0.004		0.004	0.040	0.046	0.001				0.40
45794	0.200	0.93	0.20	0.031	0.027	0.07	0.11	0.020		0.002	0.250	0.005	0.001				0.40
7690	0.215	1.05	0.17	0.012	0.015	0.08	0.08	0.010		0.002	0.120	0.005	0.001				0.42
11045	0.115	0.64	0.21	0.006	0.004	0.12	0.09	0.036		0.001	0.164	0.029					0.29
475025	0.024	1.24	0.56	0.029	0.010	10.03	18.19										
1795	0.152	0.66	0.22	0.010	0.004	0.10	0.09	0.025		0.001	0.181	0.025					0.30

CARATTERISTICHE MECCANICHE - Mechanical Test

COLATA Heat	R Tensile Strength N/mm²	S Yield Point N/mm²	A: 2" Elongation %	C Reduction of area %	Bending Test	Flattening Test	Hydraulic Test	HB Hardness test	K Impact test J	Temp. °C	STATO DI FORNIT. (TRATT. TERM.) Supply cond. (heat treatment)	TEMP. °C	NOTE Remarks
0MM	520	370	27.0	65.0				157 160					
409953	626	328	56.0	76.0							SOL. HEAT TREAT.	1050	
2602	517	320	32.4	56.5				153 155					
2FDF	540	324	28.2	50.6				159 162					
45794	521	323	32.1	56.2				155 155					
7690	547	317	30.6	54.7				160 162					
11045	494	354	40.0		OK		2500PSI						
475025	610	280	55.6			OK	1700BAR				SOL. HEAT TREAT.	1050	
1795	494	328	41.0		OK		2500PSI						

NATURA DEL MATERIALE / Kind of material Acciaio elaborato al forno elettrico Steel made by electric furnace	NOTE / Remarks
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COLLAUDI INTERNI / Works inspection Visivo/Dimensionale Visual/Dimensional	RESULT. Result O.K. O.K.	COLLAUDI SUPPLEMENTARI / Supplementary tests	RESULT. Result
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RESPONSABILE QUALITÀ / Quality Manager	ENTE COLLAUDATORE / Inspection agency	turozzi fratelli
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