



TUBIFICIO DI TERNI
TUBI E PROFILATI DI ACCIAIO INOSSIDABILE
 Divisione della Società Acciai Speciali Terni S.p.A. con Unico Socio
 Sede Legale e Stabilimento: 05100 TERNI - Viale B. Brin, 218
 Capitale Sociale € 159.682.400 i.v.
 Codice fiscale e numero di iscrizione del registro delle imprese di Terni 11222300151
 Tel. 0744/8081 - Fax 0744/812902 - P. I.V.A. 00715760559

INSPECTION CERTIFICATE

N°: 42158/2020

(According to EN 10204 3.1)

Description: DECORATIVE WELDED TUBES (material 304D AISI 304/W1.4301) **XAB n°:** 24970 del 12/03/2020
PRODUCED AND TESTED ACCORDING TO: EN 10296-2

Item	Quantity	Dimensions	Ref. P. Customer	Heat	Coil	Bundle nr. / N° di Collo
11	m.144	100.0 x 60.00 x 3.00	220011006030	0458431	536313	L120020409
12	m.1350	20.0 x 20.00 x 1.50	2240102015	0457489	4856162	H419111305 H419111306
14	m.720	25.0 x 25.00 x 1.50	2240102515	0457285	470120	H419110981
15	m.600	30.0 x 20.00 x 2.00	224010302020	0534760	483214	H419111030
16	m.1152	40.0 x 20.00 x 2.00	224010402020	0534763	483224	H419110166

Heat analysis (%) Acc.to EN 10088-2(10028-7 TI)Acc.to (CEE) 2000/53/CE

Item	Heat	C	Si	S	P	Mn	Cr	Ni	Mo	Ti	Nb	N
11	0458431	0.037	0.37	0.001	0.029	1.61	18.13	8.04	0.34			0.065
12	0457489	0.029	0.31	0.001	0.030	1.70	18.17	8.06	0.41			0.064
14	0457285	0.027	0.39	0.001	0.029	1.72	18.08	8.01	0.35			0.063
15	0534760	0.023	0.31	0.001	0.029	1.74	18.07	8.03	0.34			0.065
16	0534763	0.021	0.31	0.001	0.030	1.76	18.04	8.03	0.32			0.065

Results of tensile test Performed according to ISO 6892

Coil	Specimen thickness	Rp02(MPa)	Rm(MPa)	A 5 (%)	HRB
536313	mm 3.00	318	665	52.4	84.0
4856162	mm 1.50	282	628	56.4	86.0
470120	mm 1.50	266	603	54.8	80.0
483214	mm 2.00	283	562	50.0	82.5
483224	mm 2.00	309	654	50.7	83.5

Visual and dimensional tests SATISFACTORY(EN-ISO 1127 D3/T3
 100%(EN10893-1)(EN10893-2,E1H)

Flattening test SATISFACTORY-ISO 8492
 Cone expanding test (60°) SATISFACTORY-ISO 8493
 Radial expanding test SATISFACTORY-ISO 8495
 Bending test SATISFACTORY

We certify that products listed above comply with order requirements.

Inspector Signature

Dr.ssa Patrizia RUSSO

Patrizia Russo

NDT Livello 2 Signature

Sig. Mirco CAIAZZO

Mirco Caiazzo

Responsible Signature

Ing. Roberto Marini

Roberto Marini



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Item	Quantity	Dimensions	Ref. P. Customer	Heat	Coil	Bundle nr. / N° di Collo
17	m.258	segue pag.1 40.0 x 40.00 x 3.00	2240104030	0590335	486906	H420010600
18	m.240	50.0 x 50.00 x 2.00	2240105020	0458421	525720	H420011166
24	m.1014	20.0 x 1.50 x 6000.0	20001020015	0534193	457307	H419090265
25	m.762	21.3 x 2.00 x 6000.0	20001021320	0457340	475633	L319100123
				0534523	468925	OL20025042

Heat analysis (%) Acc.to EN 10088-2(10028-7 TI)Acc.to (CEE) 2000/53/CE

Item	Heat	C	Si	S	P	Mn	Cr	Ni	Mo	Ti	Nb	N
17	0590335	0.060	0.31	0.001	0.027	1.31	18.07	8.06	0.36			0.055
18	0458421	0.025	0.32	0.001	0.032	1.73	18.06	8.10	0.45			0.061
24	0534193	0.028	0.32	0.001	0.030	1.67	18.10	8.02	0.32			0.066
24	0457340	0.040	0.33	0.001	0.030	1.29	18.17	9.02	0.36			0.036
25	0534523	0.030	0.33	0.001	0.030	1.66	18.10	8.03	0.31			0.063

Results of tensile test Performed according to ISO 6892

Coil	Specimen thickness	Rp02(MPa)	Rm(MPa)	A 5 (%)	HRB
486906	mm 2.00	320	655	50.1	84.5
525720	mm 3.00	312	647	50.9	84.0
457307	mm 2.00	332	644	47.5	83.0
475633	mm 1.50	483	619	43.3	79.5
468925	mm 2.00	337	639	49.9	85.5

Visual and dimensional tests SATISFACTORY(EN-ISO 1127 D3/T3
 100%(EN10893-1)(EN10893-2,E1H)

Flattening test SATISFACTORY-ISO 8492
 Cone expanding test (60°) SATISFACTORY-ISO 8493
 Radial expanding test SATISFACTORY-ISO 8495
 Bending test SATISFACTORY

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Inspector Signature

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Patrizia Russo

NDT Livello 2 Signature

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Item	Quantity	Dimensions	Ref. P. Customer	Heat	Coil	Bundle nr. / N° di Collo
27	m.546	40.0 x 2.00 x 6000.0	20001040020	0535475	511425	L220020044
28	m.366	42.4 x 2.00 x 6000.0	20001042420	0458538	535717	H120021401
33	m.1092	30.0 x 1.50 x 6000.0	20401030015	0458559	532802	L320020068 L320020069

Heat analysis (%) Acc.to EN 10088-2(10028-7 TI)Acc.to (CEE) 2000/53/CE

Item	Heat	C	Si	S	P	Mn	Cr	Ni	Mo	Ti	Nb	N
27	0535475	0.028	0.34	0.001	0.030	1.72	18.04	8.04	0.38			0.066
28	0458538	0.024	0.34	0.001	0.034	1.78	18.07	8.04	0.35			0.065
33	0458559	0.033	0.29	0.001	0.026	1.69	18.04	8.03	0.37			0.061

Results of tensile test Performed according to ISO 6892

Coil	Specimen thickness	Rp02(MPa)	Rm(MPa)	A 5 (%)	HRB
511425	mm 2.00	454	652	45.7	
535717	mm 2.00	465	652	49.2	
532802	mm 1.50	539	757	41.4	

Visual and dimensional tests SATISFACTORY(EN-ISO 1127 D3/T3
 100%(EN10893-1)(EN10893-2,E1H)

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