

OFFICINE SASPE S.R.L.

Via Senato, 10
20020 ARESE (MI)

Date : 26.11.10

Doc. N° Cover 63F2B

INSPECTION BOOK N° 63F2B

WORKSHOP JOB N° : 1E35

CUSTOMER : BALLESTRA S.p.A. Milano

JOB : 1E35

ORDER N°. : 101723

Item : 63F2B

Description : SLURRY FEEDING FILTER

OFFICINE SASPE S.R.L.
E.Accomazzi

BALLESTRA S.p.A.
Inspector
Gatti Davide
11/11/10

OFFICINE SASPE S.R.L.

Via Senato, 10
20020 ARESE (MI)

Date : 26.11.10

Doc. No.: 63F2B

WHITE PICKLING REPORT

(For apparatus in Stainless steel with parts in Carbon steel)

QUALITY CONTROL PLAN No. : 63F2B

Customer	BALLESTRA S.P.A.
Customer Order No.	101723
Job	1E35
Item	63F2B
Description	SLURRY FEEDING FILTER
Data sheet	1E35.35.1143
Constructive Dwg.	SB.PRS.00062

Il decapaggio esterno è stato eseguito in accordo alla specifica Ballestra No SB_ATI_SP002/4 utilizzando pasta decapante DECABLITZ DR5 per un' ora e risciacquando accuratamente con acqua potabile.

The external white pickling treatment has been performed, according to the Ballestra's specification No. SB_ATI_SP002/4 with paste DECABLITZ DR5 for one hour and thoroughly rinsed with water of drinking quality.

Il ciclo di verniciatura su superfici esterne è stato eseguito in accordo alla specifica Ballestra No. SB_ATI_SP002/4 utilizzando antiruggine COSMALVER TIPO BW0136

The external painting cycle has been performed, according to the Ballestra's specification No. SB_ATI_SP002/4 with antirust COSMALVER TYPE 0136

Le parti interne sono state pulite per mezzo di solvente EMULCLEAR M.

The internal parts have been cleaned by means of solvent EMULCLEAR M.

OFFICINE SASPE S.R.L. - ARESE (MI)

CUSTOMER INSPECTOR

BALLESTRA S.p.A.
Inspector

Gatti Davide

23/11/10

OFFICINE SASPE S.R.L.
Via Senato, 10
20020 ARESE (MI)

Date : 26.11.10

Doc. No. : 63F2B

HYDROSTATIC TEST REPORT

Customer	BALLESTRA S.P.A.
Customer Order No.	101723
Job	1E35
Item	63F2B
Description	SLURRY FEEDING FILTER
Data sheet	1E35.35.1143
Constructive Dwg.	SB.PRS.00062

Pressure (alternatively) on :

TIME HELD (hours)

SHELL SIDE	bar(g)	1,5	1
TUBE SIDE	bar(g)		
JACKET	bar(g)	1,5	1
COIL	bar(g)		

Pressure gauges serial N° EN 850 - EN 730
Dial range : 0 - 6 0 - 6

Vessel position : HORIZONTAL

Dichiariamo che la prova idraulica è stata eseguita utilizzando acqua potabile alle pressioni e tempi indicati in tabella ed ha avuto esito positivo.

We certify that the hydrostatic test with water of drinking quality has been performed, at the conditions and times above indicated, with satisfactory result.

OFFICINE SASPE S.R.L.-ARESE (MI)

CUSTOMER INSPECTOR

BALLESTRA S.p.A.
Inspector
Catt. Davide
[Signature]
unitary
only jacket

OFFICINE SASPE S.R.L. Via Senato, 10 20020 ARESE (MI)			CERTIFICATO CONTROLLO DIMENSIONALE DIMENSIONAL TEST REPORT				
Workshop Job n° 1E35 N°. C0 494/10			CUSTOMER : BALLESTRA S.p. A. JOB N° 1E35 Purchase Order N°. 101723 Doc. N°. Sheet 1 of 1 Rev. 0				

ITEM :	63F2B					
Description :	SLURRY FEEDING FILTER					
DATA SHEET N°.	1E35.35.1143					
Constructive Dwg. N°.	SB.PRS.00062					

SI CERTIFICA CHE L' APPARECCHIO E' STATO SOTTOPOSTO A
 CONTROLLO DIMENSIONALE IN ACCORDO AI DISEGNI :

BALLESTRA S.p.A. : DATA SHEET N° 1E35.35.1143
 BALLESTRA S.p.A. : COSTRUTTIVO N° SB.PRS.00062

ED ALLE SPECIFICHE RICHIAMATE SUGLI STESSI

TUTTE LE MISURAZIONI EFFETTUATE SONO CONFORMI
 ALLE TOLLERANZE INDICATE A DISEGNO
 ED ALLE SPECIFICHE IN ESSI RICHIAMATE.
 E' STATO ESEGUITO CONTROLLO SPESSORI

WE CERTIFY THAT THE ITEM HAS BEEN CONTROLLED
 DIMENSIONALLY ACCORDING TO DRAWINGS :

BALLESTRA S.p.A. : DATA SHEET N° 1E35.35.1143
 BALLESTRA S.p.A. : CONSTRUCTIVE N° SB.PRS.00062

AND TO THE SPECIFICATIONS NOTED IN THE ABOVE MENTIONED DRAWINGS.

ALL THE MEASUREMENTS PERFORMED RESULT WITHIN
 DRAWINGS TOLERANCES
 AND TO THE SPECIFICATIONS NOTED IN
 THE ABOVE MENTIONED DRAWINGS.
 THICKNESS CHECK HAS BEEN PERFORMED

BALLESTRA S.p.A.
 Inspector
 Davide
 27/11/10

RISULTATO / Result : SODDISFACENTE / Satisfactory

1			E.Accomazzi			
0		26.11.10	Off.Saspe Srl			
Rev.	Issued by	Date	Checked by	Date	Approved by	Date
REV.	Emesso da	Data	Controllato da	Data	Approvato da	Data
			Description Descrizione			

OFFICINE SASPE S.R.L. Via Senato, 10 20020 ARESE (MI)	CERTIFICATO DI CONFORMITA' CERTIFICATE OF COMPLIANCE
	CUSTOMER : BALLESTRA S.p.A. JOB N°. 1E35 Purchase Order N°. : 101723 Doc. N°. Sheet 1 of 1 Rev. 0
Workshop Job N° 1E35 N°.: CO 494/10	

ITEM : **63F2B**
 Description : **SLURRY FEEDING FILTER**
 DATA SHEET N°. **1E35.35.1143**
 Constructive Dwg. N°. **SB.PRS.00062**
 QUALITY CONTROL PLAN :

SI CERTIFICA CHE IL MATERIALE RISULTA CONFORME
 A QUANTO RICHIESTO DAI DISEGNI,
 DALL' ORDINE ED ALLE SPECIFICHE IN ESSI RICHIAMATI.

WE HEREBY CERTIFY THAT THE MATERIAL IS IN COMPLETELY
 ACCORDANCE WITH THE DRAWINGS,
 THE ORDER AND THE SPECIFICATIONS NOTED IN ABOVE
 MENTIONED DOCUMENTS.

DELOIT BALLESTRA S.p.A.
 Inspector
 Gatti Davide

OFFICINE SASPE S.R.L. ARESE (MI)

1	E.Accomazzi						
0	Off.Saspe Srl	26.11.10					
Rev.	Issued by	Date	Checked by	Date	Approved by	Date	Description
REV.	Emesso da	Data	Controllato da	Data	Approvato da	Data	Descrizione

SOLLAC MEDITERRANEE Gruppo Arcelor		USINE DE FOS 13776 - FOS SUR MER CEDEX FRANCE Tél:04.42.47.33.14 Fax:04.42.47.24.27		Signature du producteur Mill's identification FOS		T Re=32 MINI KSI Rm=60 -80 KSI At(50)=25 MINI KV L - 60dPf FT X LB		N° 730/0124412 Page 1 / FIN A02 A09/A03	
Organisme et/ou service de contrôle Inspection organisme RECEPTION USINE LUSIP 1-25010 SAN ZENO NAVIGLIO ITALIE		Client et/ou destinataire Customer and/or consignee FRANCINI LAMIERE S.P.A. VIA IV NOVEMBRE 32 1-25010 SAN ZENO NAVIGLIO		N° Commande Usine Mill's Order Nbr 800020 MAG		Nuances et spécifications techniques SA516GR60-1SAMPLE/ASME516 BOBINE BRUTE		Etat de livraison Delivery condition LYC:LN Traitement de référence Treatment of test samples BL	
Identification du produit Product identification Repère pièce Plate number B08 5663032		Dimensions Sizes Longueur Length B13 Largeur Width B12 2000,00 Epaisseur Thickness B11 6,000		Emplacement Location C01 C02 C03 C04 C05 C06 C07 C08 C09 C10 C11 C12 C13 C14 C15 C16 C17 C18 C19 C20 C21 C22 C23 C24 C25 C26 C27 C28 C29 C30 C31 C32 C33 C34 C35 C36 C37 C38 C39 C40 C41 C42 C43 C44 C45 C46 C47 C48 C49 C50 C51 C52 C53 C54 C55 C56 C57 C58 C59 C60 C61 C62 C63 C64 C65 C66 C67 C68 C69 C70 C71 C72 C73 C74 C75 C76 C77 C78 C79 C80 C81 C82 C83 C84 C85 C86 C87 C88 C89 C90 C91 C92 C93 C94 C95 C96 C97 C98 C99 C100 C101 C102 C103 C104 C105 C106 C107 C108 C109 C110 C111 C112 C113 C114 C115 C116 C117 C118 C119 C120 C121 C122 C123 C124 C125 C126 C127 C128 C129 C130 C131 C132 C133 C134 C135 C136 C137 C138 C139 C140 C141 C142 C143 C144 C145 C146 C147 C148 C149 C150 C151 C152 C153 C154 C155 C156 C157 C158 C159 C160 C161 C162 C163 C164 C165 C166 C167 C168 C169 C170 C171 C172 C173 C174 C175 C176 C177 C178 C179 C180 C181 C182 C183 C184 C185 C186 C187 C188 C189 C190 C191 C192 C193 C194 C195 C196 C197 C198 C199 C200 C201 C202 C203 C204 C205 C206 C207 C208 C209 C210 C211 C212 C213 C214 C215 C216 C217 C218 C219 C220 C221 C222 C223 C224 C225 C226 C227 C228 C229 C230 C231 C232 C233 C234 C235 C236 C237 C238 C239 C240 C241 C242 C243 C244 C245 C246 C247 C248 C249 C250 C251 C252 C253 C254 C255 C256 C257 C258 C259 C260 C261 C262 C263 C264 C265 C266 C267 C268 C269 C270 C271 C272 C273 C274 C275 C276 C277 C278 C279 C280 C281 C282 C283 C284 C285 C286 C287 C288 C289 C290 C291 C292 C293 C294 C295 C296 C297 C298 C299 C300 C301 C302 C303 C304 C305 C306 C307 C308 C309 C310 C311 C312 C313 C314 C315 C316 C317 C318 C319 C320 C321 C322 C323 C324 C325 C326 C327 C328 C329 C330 C331 C332 C333 C334 C335 C336 C337 C338 C339 C340 C341 C342 C343 C344 C345 C346 C347 C348 C349 C350 C351 C352 C353 C354 C355 C356 C357 C358 C359 C360 C361 C362 C363 C364 C365 C366 C367 C368 C369 C370 C371 C372 C373 C374 C375 C376 C377 C378 C379 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C980 C981 C982 C983 C984 C985 C986 C987 C988 C989 C990 C991 C992 C993 C994 C995 C996 C997 C998 C999 C1000 C1001 C1002 C1003 C1004 C1005 C1006 C1007 C1008 C1009 C1010 C1011 C1012 C1013 C1014 C1015 C1016 C1017 C1018 C1019 C1020 C1021 C1022 C1023 C1024 C1025 C1026 C1027 C1028 C1029 C1030 C1031 C1032 C1033 C1034 C1035 C1036 C1037 C1038 C1039 C1040 C1041 C1042 C1043 C1044 C1045 C1046 C1047 C1048 C1049 C1050 C1051 C1052 C1053 C1054 C1055 C1056 C1057 C1058 C1059 C1060 C1061 C1062 C1063 C1064 C1065 C1066 C1067 C1068 C1069 C1070 C1071 C1072 C1073 C1074 C1075 C1076 C1077 C1078 C1079 C1080 C1081 C1082 C1083 C1084 C1085 C1086 C1087 C1088 C1089 C1090 C1091 C1092 C1093 C1094 C1095 C1096 C1097 C1098 C1099 C1100 C1101 C1102 C1103 C1104 C1105 C1106 C1107 C1108 C1109 C1110 C1111 C1112 C1113 C1114 C1115 C1116 C1117 C1118 C1119 C1120 C1121 C1122 C1123 C1124 C1125 C1126 C1127 C1128 C1129 C1130 C1131 C1132 C1133 C1134 C1135 C1136 C1137 C1138 C1139 C1140 C1141 C1142 C1143 C1144 C1145 C1146 C1147 C1148 C1149 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C1980 C1981 C1982 C1983 C1984 C1985 C1986 C1987 C1988 C1989 C1990 C1991 C1992 C1993 C1994 C1995 C1996 C1997 C1998 C1999 C2000 C2001 C2002 C2003 C2004 C2005 C2006 C2007 C2008 C2009 C2010 C2011 C2012 C2013 C2014 C2015 C2016 C2017 C2018 C2019 C2020 C2021 C2022 C2023 C2024 C2025 C2026 C2027 C2028 C2029 C2030 C2031 C2032 C2033 C2034 C2035 C2036 C2037 C2038 C2039 C2040 C2041 C2042 C2043 C2044 C2045 C2046 C2047 C2048 C2049 C2050 C2051 C2052 C2053 C2054 C2055 C2056 C2057 C2058 C2059 C2060 C2061 C2062 C2063 C2064 C2065 C2066 C2067 C2068 C2069 C2070 C2071 C2072 C2073 C2074 C2075 C2076 C2077 C2078 C2079 C2080 C2081 C2082 C2083 C2084 C2085 C2086 C2087 C2088 C2089 C2090 C2091 C2092 C2093 C2094 C2095 C2096 C2097 C2098 C2099 C2100 C2101 C2102 C2103 C2104 C2105 C2106 C2107 C2108 C2109 C2110 C2111 C2112 C2113 C2114 C2115 C2116 C2117 C2118 C2119 C2120 C2121 C2122 C2123 C2124 C2125 C2126 C2127 C2128 C2129 C2130 C2131 C2132 C2133 C2134 C2135 C2136 C2137 C2138 C2139 C2140 C2141 C2142 C2143 C2144 C2145 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CERTIFICATO COLLAUDO NF EN 10204-3.1/DIN 50049-3.1 B/10 10474

Arceformital ARCEFORMITAL MEDITERRANEE USINE DE FOS SUR MER 13776 - FOS SUR MER CEDEX FRANCE Tél: 04.42.47.33.14 Fax: 04.42.47.17.20		Sigle du producteur FOS SUR MER Sigle du producteur		T Re=32 MINI KSI Rm=60-80 KSI A% (30)-25 MINI KV L - 60dF FT X LB		B.E. 730/ 230732 / 1 A02 A09/A03	
Organisme e/o service de contrôle Organisme e/o service de contrôle RECEPTION USINE + SUP ER CONTRL ORGANISME 125010 SAN ZENO NAVIGLIO ITALIE		Client e/o destinataire Client e/o destinataire FRANCHINI LAMIERE S.P.A VIA IV NOVEMBRE 32 10-010		N° Commande Usine N° di Ordine della fabbrica FHO1001008 2VW17		Nuances et spécifications techniques / Tipi di acciaio e specifiche tecniche SAS16 GR60-ISAMPLE ASME PART A ED.2003 BOBINE BRUTE	
Identification du produit Identificazione del prodotto Répète pièce N° di prodotto B08 5418020 5504021		Dimensions / Dimensioni Epaisseur Spessore B11 5,000 2000,00 B12 2000,00 B13		Masse Peso (7) 26645 26465		Traction / Trazione Rm A% C11 53,7 56,4 C12 71,3 71,7 C13 32,8 32,8	
Poste Ordine B09 001 1		Nombre de pièces Numero B10 1 1		Emp Pos (2) (3) (4) C01 C02 C03 C04 C05 C06 C07 C08 C09 C10 C11 C12 C13 C14 C15 C16 C17 C18 C19 C20 C21 C22 C23 C24 C25 C26 C27 C28 C29 C30 C31 C32 C33 C34 C35 C36 C37 C38 C39 C40 C41 C42 C43 C44 C45 C46 C47 C48 C49 C50 C51 C52 C53 C54 C55 C56 C57 C58 C59 C60 C61 C62 C63 C64 C65 C66 C67 C68 C69 C70 C71 C72 C73 C74 C75 C76 C77 C78 C79 C80 C81 C82 C83 C84 C85 C86 C87 C88 C89 C90 C91 C92 C93 C94 C95 C96 C97 C98 C99 C100 C101 C102 C103 C104 C105 C106 C107 C108 C109 C110 C111 C112 C113 C114 C115 C116 C117 C118 C119 C120 C121 C122 C123 C124 C125 C126 C127 C128 C129 C130 C131 C132 C133 C134 C135 C136 C137 C138 C139 C140 C141 C142 C143 C144 C145 C146 C147 C148 C149 C150 C151 C152 C153 C154 C155 C156 C157 C158 C159 C160 C161 C162 C163 C164 C165 C166 C167 C168 C169 C170 C171 C172 C173 C174 C175 C176 C177 C178 C179 C180 C181 C182 C183 C184 C185 C186 C187 C188 C189 C190 C191 C192 C193 C194 C195 C196 C197 C198 C199 C200 C201 C202 C203 C204 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COLLAUDO SECONDO/TEST ACCORDING TO/ESSAI SUIVANT/PRÜFUNG NACH

DESCRIZIONE/DESCRIPTION/DESCRIPTION/BESCHREIBUNG
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TIPO/TYPE/TYP
304

MATERIALE/MATERIAL/NUANCE/WERKSTOFF
ASTM A 240 TP. 304


DIMENSIONI/DIMENSIONS/DIMENSIONS/ABMESSUNGEN
2000x1000x1.50 mm

ANALISI CHIMICA A NORMA/CHEMICAL REQUIREMENTS/ANALYSE IMPOSEE/CHEMISCHE ANFORDERUNGEN

	C	Mn	P	S	Si	Cr	Ni	N
MIN	-	-	-	-	-	17,50	8,00	-
MAX	0,07	2,00	0,045	0,03	0,75	19,50	10,50	0,10

PROPRIETÀ MECCANICHE/MECHANICAL PROPERTIES/PROPRIETES MECANQUES/MECHANISCHE EIGENSCHAFTEN

R (Mpa): A%: Colata 013085

		MILL CERTIFICATE BS EN 10204/3.1 CERTIFICAT DE RECEPTION NF EN 10204/3.1 ABNAHMEPRÜFZEUGNIS DIN EN 10204/3.1		N-Nr-N 10-1-69255-01-01																																																													
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Manufacturer's work order number N° de la commande usine productrice Werkauftragsnummer 00A907535/01-33196/1		Purchaser and/or consignee Client et/ou destinataire Besteller und/oder Empfänger SARINOX METALLI SPA		Purchaser's order number N° de commande client Kundenbestellnummer 4300006376																																																													
Product - Produit - Erzeugnis COLD-ROLLED COIL BOBINE LAMINEE A FROID KALTGEWALZTES BAND		VIA ALFIERI 13 20060 BASIANO (MI) ITALIE		Customer article number N° d'article client Artikelnummer des Kunden AMV																																																													
Steel designation Désignation de l'acier Stahlbezeichnung EN 10028-7-08 - L 4307 4301 EN 10088-2-05 - L 4307 4301 ASTM A 240 / 09 - AISI 304L AISI 304 ASME SA 240 / 07 - AISI 304L AISI 304		Finish Présentation Ausführung 2B 2B 2B 2B		Steelmaking process Mode d'élaboration de l'acier Stahlherstellungsverfahren Prod. proc. Electric arc furnace-VOD/AOD-Continuous casting Proc. fabric. Four à arc-VOD/AOD-Coulée continue Fertigungsabf. d. Elektro-Ofen-VOD/AOD-Stranggießanlage Any supplementary requirements Prescriptions supplémentaires Zusätzliche Anforderungen																																																													
Product delivery condition Etat de livraison du produit Lieferzustand Solution treated 1000-1100 C Hypertrémpé Lösungsgegl./Fähgeschreckt Forced Air Air forcé Gebäuse Luft																																																																	
Identification of the product Identification du produit-identification des Erzeugnisse Coil n. N° de bobine 77744		Dimensions Dimensions - Abmessungen Thicknes Dépaisseur - Dicke 1,500 mm		Number of pieces Nombre de pièces - Stückzahl 1																																																													
Heat n. N° de coulée 013085		Length Longueur - Länge 1000,00 mm		Net weight Poids net - Netto Gewicht 18910 KGS																																																													
CHEMICAL ANALYSIS - ANALYSE CHIMIQUE - CHEMISCHE ZUSAMMENSETZUNG																																																																	
<table border="1"> <thead> <tr> <th></th> <th>C</th> <th>Si</th> <th>Mn</th> <th>Ni</th> <th>Cr</th> <th>Mo</th> <th>Fe</th> <th>N</th> <th>S</th> <th>P</th> <th>Cu</th> </tr> </thead> <tbody> <tr> <td>Required-Exige</td> <td>% mini</td> <td></td> <td></td> <td></td> <td>8,00</td> <td>18,00</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Anforderung</td> <td>% maxi</td> <td>0,030</td> <td>0,75</td> <td>2,00</td> <td>10,00</td> <td>19,50</td> <td></td> <td>0,100</td> <td>0,0150</td> <td>0,045</td> <td></td> </tr> <tr> <td>Cast Analysis</td> <td>Analyse coulée</td> <td>0,024</td> <td>0,40</td> <td>1,33</td> <td>8,00</td> <td>18,13</td> <td></td> <td>0,069</td> <td>0,0039</td> <td>0,031</td> <td>0,340</td> </tr> <tr> <td>Analysis Schmelze</td> <td></td> <td>C11</td> <td>C12</td> <td>C13</td> <td>C14</td> <td>C15</td> <td>C16</td> <td>C17</td> <td>C18</td> <td>C19</td> <td>C20</td> </tr> </tbody> </table>							C	Si	Mn	Ni	Cr	Mo	Fe	N	S	P	Cu	Required-Exige	% mini				8,00	18,00						Anforderung	% maxi	0,030	0,75	2,00	10,00	19,50		0,100	0,0150	0,045		Cast Analysis	Analyse coulée	0,024	0,40	1,33	8,00	18,13		0,069	0,0039	0,031	0,340	Analysis Schmelze		C11	C12	C13	C14	C15	C16	C17	C18	C19	C20
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The delivery is in accordance with the order L'expédition est conforme aux exigences de la commande Die Lieferung entspricht den Bestellbedingungen																																																																	
Organisation inspection Organisme et/ou service contrôle Überwachungsabteilung Service Métallurgique Le: 19/04/2010 M. THOMAS The inspector Le responsable Der Wertsachverständige																																																																	

POS./ITEM/REPÈRE/POS.

1 / Comm. 10C86

DISEGNO/DRAWING/PLAN/ZEICHNUNG

MARCA/MARK/MARQUE/MARKIERUNG

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DISEGNO/DRAWING/PLAN/ZEICHNUNG

MARCA/MARK/MARQUE/MARKIERUNG



CONTROLLO DIMENSIONALE E
CONFORMITÀ ALL'ORDINE

DIMENSIONAL CHECK AND
CONFORMITY TO THE ORDER REQUIREMENTS

CONTRÔLE DIMENSIONNEL ET
CONFORMITÉ À LA COMMANDE
ABMESSUNGEN PRÜFUNG UND
KONFORMITÄT DER BESTELLUNG

POSITIVO POSITIVE
POSITIF POSITIF

Costacurta S.p.A.-VICO

 comtubi srl STEEL TUBES SERVICE				ATTESTATO DI CONFORMITA' EN 10204/2.1 CERTIFICATE OF COMPLIANCE EN 10204/2.1 ATTESTATION DE CONFORMITE EN 10204/2.1		DATA Date Date	
DIR.UFF.DEP.: Z.L. CIMAFAVA 29013 CARPANETO (PC) ITALY TEL.0523-859043/TELEFAX 0523-850763 E-MAIL: comtubi@comtubi.com CF-P.IVA/VAT CODE IT 00275990331 MECC.PC. 006303 R.E.A. N.95436 - ISCR.REG.IMP.PC N.4191				No. 257/08		30.04.08	
CLIENTE / Customer / Client SPETT.LE JANNONE FERRO TUBI SPA SEGRATE (MI)				ORD. CLIENTE / Customer's order / Commande du Client NR. 08/642 DEL 23/04/2008 - NR. 08/654 DEL 24/04/2008 - NR. 08/661 DEL 24/04/2008 - NR. 08/660 DEL 24/04/2008 - NR. 08/668 DEL 28/04/2008 -			
GALVANIZED STEEL TUBES							
NORMA - ACCIAIO / Specification - Steel / Specification Acier API 5L - ASTM A106 GR.B				ESECUZIONE / Execution / Execution SENZA SALDO / Seamless / Sans soudure <input checked="" type="checkbox"/> SALDATO / Welded / Soude <input type="checkbox"/>			
Pos. Item Pos.	DIMENSIONI Dimensions Dimensions	QUANTITA' Quantity Quantité	PRODUTTORE Manufacture Producteur	CERTIFICATO DI FABB. Mill test certificate Certificat d'usine	CODE		
1	1.1/4" X 3,56	MT. 12,00	ZELEZ - H.71357	14511/1/2007			
2	3/4" X 2,87	MT. 12,00	ZELEZ - H.71427	14752/1/2007			
3	1/2" X 2,77	MT. 18,00	ZELEZ - H.50359	3339/1/2005			
1	3/4" X 3,91	MT. 150,00	ZELEZ - H.61902	16110/1/2006			
1	1.1/2" X 3,68	MT. 6,00	TENARIS - H.760442	06/10918			
2	6" X 7,11	MT. 24,00	TUBOS R - H.89845	186571			
1	1/2" X 2,77	MT. 12,00	ZELEZ - H.50359	3339/1/2005			
2	3/4" X 2,87	MT. 78,00	TENARIS - H.770432	07/15345			
3	1" X 3,38	MT. 6,00	TUBOS R - H.89733	186572			
4	1.1/2" X 3,68	MT. 216,00 (MT. 138,00) (MT. 78,00)	TENARIS - H.761407 TENARIS - H.760442 TUBOS R - H.88396	06/22550 06/10918 179398			
5	2" X 3,91	MT. 180,00	TENARIS - H.772753	07/30908			
6	3" X 5,49	MT. 90,00 (MT. 48,00) (MT. 42,00)	TENARIS - H.772147	07/24633			
	5" X 6,55	MT. 6,00	VOEST A - H.424378	Z26521			
ZINCATURA A CALDO Hot galvanizing / Galvanization à chaud		FILETTATURA Threading / Filetage		MANICOTTO Coupling / Manchon			
ASTM A53 <input checked="" type="checkbox"/>		ANSI B1.20.1 NPT <input checked="" type="checkbox"/>		3000 LBS <input checked="" type="checkbox"/>			
IL CONTROLLO VISIVO E DIMENSIONALE DEI TUBI E' STATO EFFETTUATO CON ESITO SODDISFACENTE / VISUAL AND DIMENSIONAL CONTROL OF THE TUBES HAS BEEN CARRIED OUT WITH SATISFACTORY RESULTS / LE CONTROLE VISUEL ET DIMENSIONAL DES TUBES A ETE EFFECTUE AVEC SATISFAISANT RESULTAT.							
NOTE / Remarks / Notes				UFFICIO COLLAUDI Inspection Dept/Service Qualité COMTUBI S.r.l. A. GREGORI RESP. GESTIONE QUALITA'			



Ordine n. TEL SIG. LIV del 28/04/2008 Bolla n. 3959
 Colata-heat 424378 Item 114,3 X 6,55
 Cliente: OVER SRL N. Pezzi 1

del 5/05/2008 Kg. 144 MT 6
 Code SS API 5L ZINC. VM
 0000001469.001

N° 1 MT 10,34 HEAT : 936978 DIMENSIONS : 406,4 x 7,92

SITIM MADONE VS. ORD. N. 122 DEL 28/06/2005

TenarisDalmineGERMINATOIO DI COTONUDO
SEZIONE DI COTONUDO04/00747 001/003
14/01/2004Dalmine plant
Piazza Caciotti 6 luglio 1994, 1
E-044 Dalmine - Italy
+ 39 035 560 111 tel
+ 39 035 560 3827 fax

Identificatore	Località	Descrizione	Quantità	Unità	Prezzo	Importo	Imposta	Totale
00001525	ITALIA	04/00747 001/003	14/01/2004					

Identificatore	Località	Descrizione	Quantità	Unità	Prezzo	Importo	Imposta	Totale
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Identificatore	Località	Descrizione	Quantità	Unità	Prezzo	Importo	Imposta	Totale
00001525	ITALIA	04/00747 001/003	14/01/2004					

S.I.T.I.M. - S.p.A.
di Fachinetti Antonio & C.
Via Mattei 13/A - 24040 MADONE (BG)
Tel. 035.994420 - Fax 035.993867
Cod. Fisc. e P.IVA 01786140168

COPIA CONFORME ALL'ORIGINALE



04/00747 003/003
14/01/2004

DO NOT WRITE IN THESE SPACES

RTIFICATO DI COPIA
INTELLIGIBILE
INSECTICIDE CERTIFICATO
SOGGETTO A FINESTRA

10

Tenaris Dalmina

[illegible]

IL CONTROLLO VISIVO E DIMENSIONALE HA DATO ESITO SODDISFACENTE
VISUAL AND DIMENSIONAL CONTROL HAS BEEN CARRIED OUT WITH SATISFACTORY RESULT



SECRET
 DISCONTINUED

RETURN/ SIGNATURE

UNITED STATES DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D. C. 20535

• **ഇംഗ്ലീഷ്** 5m

NOTHING HAS BEEN
 SET FORGETTING THE
 FUTURE OF THE WORLD

COPIA CONFORME ALL'ORIGINALE

S.I.M.M. s.a.s.
di **Facchinetti Antonio & C.**
Via Mattei, 13/A - 20140 MADONE (BG)
Tel. 035.994420 - Fax 035.993867
Cod. Fisc. e P.IVA 01786140168

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CERTIFICATE DI SOLIDABOND
INSPECTION CERTIFICATE
1-0204 2011 / 159 10474

(UNIT EN 10204 S-1-150 10474-321B)

08/03/92 00:10:03
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Chiuso Distretto
Indirizzo: 10100
STRADA 5

70028

NO 1802
Superiority
ITALIA

1. OJING & VERIFICATION NUMBER
I/466411/3

Consiglio di Presidenza
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Avviso di partecipazione/Supply Italia
00005870 - 19/02/2008

STRADA B. FELICE C.-P. 119

70028 GANNICANDRO DI BARI BA ITALIA

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1127 VERN STEEL DR. KAZ PBL, GRB PBL, GNB ASTH

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Dimensions/Inches	Lght. Emblg. From	Lght. Alg. To	D.E. mru/D. mru	Sp. and Wt. mru
10000		11600	457,000	7,920

DATE	TIME	LOCATION	WIND	WAVE	SEA	TEMP	WIND	WAVE	SEA	TEMP
15	168.70	15359	553.06	33860.7						

PERS. DATA/GENERAL INFO										Allgemeine Informationen			
First/Last	CC	UF	Personal group/last spec. group	IS	MPA	RM	MPA	QW	text	WFM	Other		
Character					Typo Dimensions S&B Size 30pt	% 0.50	1 Min. 290	Min 415	1/Sec. 518.0	2"	50.8	27.0	44.7
20863	980701	+ 20	1	RC38.30	B.70	33.2	366.0						
T-13200 E.M.H.T. AFTER P.N.M.T. SPECIAL AGENT 31000 E.M.H.T. AFTER P.N.M.T. SPECIAL AGENT 31000 E.M.H.T. AFTER P.N.M.T. SPECIAL AGENT													
L-1-11200 E.M.H.T. AFTER P.N.M.T. SPECIAL AGENT 2-11200 E.M.H.T. AFTER P.N.M.T. SPECIAL AGENT 3-11200 E.M.H.T. AFTER P.N.M.T. SPECIAL AGENT													

[illegible][illegible]

COPIA CONFORME ALL'ORIGINALE

COPIA CONFORME ALL'ORIGINALE


B&B Mattei, 1304 - 24040 MADONE (BG)
Tel. 035.994420 - Fax 035.993867
Cod. Fisc. e P. IVA 01766140168
e-mail: silim.facchinetti@bbsalmati.it

GARANZIA QUALITÀ-Ufficio Certifici
Spett.le SITI
Fornitura del 03/04/08. Inv. 590633
Per. TI -25,21-
Data 03/04/08. SANNOCHI S.p.A.
Sede: 07020 S. Pietro (SS) - Italia.

[illegible][illegible]

over

CERTIFICATO DI COLLAUDO SECONDO EN 10204 - 3.1 INSPECTION CERTIFICATE



METALFAR
PRODOTTI INDUSTRIALI S.P.A.
STAMPAGGIO A CALDO DI ACCIAI COMUNI - LEGATI E INOSSIDABILI

SEDE AMMINISTRATIVA E STABILIMENTO:
23861 CESANA BRIANZA (LO) - Italia
Via G. Parini, 28
Tel. +39 031.655441
Fax +39 031.655149
quality.mff@farinas.com

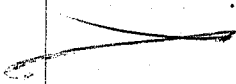
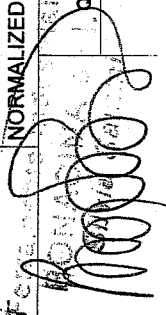
Certif. n. 779	/ Dated 26.02.2010	Fattura / Invoice n.	Del / Dated
DDT / Del Note n. 1049	Del / Dated 26.02.2010		
FERRAMENTA INDUSTRIALE BONACINA SRL		BG IT	
VIALE EUROPA, 20 - FRAZ. CURNASCO			
24048 TREVIOLO			

SALA PROVE E ANALISI MATERIALI / MATERIAL TEST DEPARTMENT
Certificato generato da un sistema informatico secondo la norma EN10204, valido senza firma - This certificate has been generated by computer and need not to be signed for validity acc. to EN10204

COD. COL. HEAT CODE	COLATA HEAT	POS. ITEM	VS. ORDINE YOUR REF.	Q.TA' Q.TY	DESCRIZIONE DESCRIPTION	DIM. IN ACC. A DIM. ACCORDANCE TO										VISIVO E DMENS. VISUAL & DIMENS.	
						ASME/ANSI B16.5	ASME/ANSI B16.5	ASME/ANSI B16.5	ASME/ANSI B16.5	ASME/ANSI B16.5	ASME/ANSI B16.5	ASME/ANSI B16.5	ASME/ANSI B16.5	ASME/ANSI B16.5	ASME/ANSI B16.5		
09/79424	0037	REINTEGRO DEPOSITO	20,00	S/O 150 RF 5"	A105											SATISFACTORY	
09/33890	0038	REINTEGRO DEPOSITO	11,00	S/O 150 RF 10"	A105											SATISFACTORY	
09/35501	0039	REINTEGRO DEPOSITO	5,00	S/O 150 RF 14"	A105											SATISFACTORY	
09/33796	0040	REINTEGRO DEPOSITO	10,00	S/O 150 RF 16"	A105											SATISFACTORY	
09/90593	0041	REINTEGRO DEPOSITO	3,00	S/O 150 RF 20"	A105											SATISFACTORY	
08/74748	0042	REINTEGRO DEPOSITO	50,00	S/O 150 RF 2"	A105											SATISFACTORY	
09/36266	0043	REINTEGRO DEPOSITO	134,00	S/O 150 RF 4"	A105											SATISFACTORY	
COPIA CONFORME ALL'ORIGINALE																	
COD. COL. HEAT CODE	COLATA HEAT	POS. ITEM	MATERIALE MATERIAL	C%	SI%	ROTTURA TENSILE STRENGTH N/mm2 >=	ALLUNGAMENTO ELONGATION %>=	CONTRAZIONE REDUCT. OF AREA %>=	DUREZZA Hb HARDNESS Hb	PIEGA BEND TEST	SCHIACCIAM. FLATTENING TEST	RESILIENZA / IMPACT TEST - JOULE/cm2			FORMA SHAPE 1= O 2= □	SNERVAMENTO YIELD POINT N/mm2 >=1,0%	
												TIPO / TYPE 10x10mm	°C	1			2
09/79424	0037	ASTM A105	0,190	0,250	533,0	33,0	58,0	58,0	163,0 - 165,0	0,0	0,0	KV	20	80	80	83	0,0
09/33890	0038	ASTM A105	0,200	0,220	532,0	30,0	59,0	59,0	163,0 - 165,0	0,0	0,0	KV	20	83	83	88	0,0
09/35501	0039	ASTM A105	0,200	0,220	534,0	31,0	60,0	60,0	163,0 - 165,0	0,0	0,0	KV	20	83	83	90	0,0
09/33796	0040	ASTM A105	0,185	0,230	531,0	30,0	59,0	59,0	163,0 - 165,0	0,0	0,0	KV	20	88	85	87	0,0
09/90593	0041	ASTM A105	0,190	0,230	545,0	30,0	61,0	61,0	163,0 - 165,0	0,0	0,0	KV	20	80	88	88	0,0
08/74748	0042	ASTM A105	0,185	0,220	531,0	32,0	58,0	58,0	163,0 - 165,0	0,0	0,0	KV	20	82	86	84	0,0
09/36266	0043	ASTM A105	0,180	0,230	510,0	30,0	59,0	59,0	156,0 - 159,0	0,0	0,0	KV	20	89	90	85	0,0
MATERIALE IN ACCORDO A MATERIAL IN ACCORDANCE TO												FORNO FURNACE		ORIGINE ORIGIN			
09/79424	0037	ASTM/ASME A 105/SA 105 M - 05	NORMALIZED AT 920 C - COOLED IN STILL AIR									ELECTRIC FURNACE			EUROPE		
09/33890	0038	ASTM/ASME A 105/SA 105 M - 05	NORMALIZED AT 920 C - COOLED IN STILL AIR									ELECTRIC FURNACE			EUROPE		
09/35501	0039	ASTM/ASME A 105/SA 105 M - 05	NORMALIZED AT 920 C - COOLED IN STILL AIR									ELECTRIC FURNACE			EUROPE		
09/33796	0040	ASTM/ASME A 105/SA 105 M - 05	NORMALIZED AT 920 C - COOLED IN STILL AIR									ELECTRIC FURNACE			EUROPE		
09/90593	0041	ASTM/ASME A 105/SA 105 M - 05	NORMALIZED AT 920 C - COOLED IN STILL AIR									ELECTRIC FURNACE			EUROPE		
08/74748	0042	ASTM/ASME A 105/SA 105 M - 05	NORMALIZED AT 920 C - COOLED IN STILL AIR									ELECTRIC FURNACE			EUROPE		
09/36266	0043	ASTM/ASME A 105/SA 105 M - 05	NORMALIZED AT 920 C - COOLED IN STILL AIR									ELECTRIC FURNACE			EUROPE		
NOTE NOTES	UFFICIO CONTROLLO QUALITA' QUALITY CONTROL DEPARTMENT										ENTE UFFICIALE DI COLLAUDO INSPECTION AUTHORITY		MARCHIO PRODUZIONE MANUFACTURER'S SYMBOL				
	S. Corti												MFF				

FERRAMENTA INDUSTRIALE
BONACINA S.R.L.
Viale Europa, 20 - Treviglio (BG)
I.005-201266-FY 035-20109
C.F. 03111110967

SALA PROVE E ANALISI MATERIALI / MATERIAL TEST DEPARTMENT
Certificato generato da un sistema informatico secondo la norma EN10204, valido senza firma - This certificate has been generated by computer and need not to be signed for validity acc. to EN10204

COD. COL. HEAT CODE		COLATA HEAT	POS. ITEM	VS. ORDINE YOUR REF.		Q.TA' Q.TY	DESCRIZIONE DESCRIPTION		DIM. IN ACC. A DIM. ACCORDANCE TO		VISIVO E DIMENS. VISUAL & DIMENS.									
		09/35285	0044	REINTEGRO DEPOSITO		65,00	A105		ASME/ANSI B16.5		SATISFACTORY									
		09/33805	0045	REINTEGRO DEPOSITO		20,00	A105		ASME/ANSI B16.5		SATISFACTORY									
		08/32860	0046	REINTEGRO DEPOSITO		10,00	A105		ASME/ANSI B16.5		SATISFACTORY									
		09/35466	0048	REINTEGRO DEPOSITO		10,00	A105		ASME/ANSI B16.5		SATISFACTORY									
		548727	0049	REINTEGRO DEPOSITO		5,00	A105		ASME/ANSI B16.5		SATISFACTORY									
		74401	0050	REINTEGRO DEPOSITO		20,00	A105		ASME/ANSI B16.5		SATISFACTORY									
		08/38247	0051	REINTEGRO DEPOSITO		20,00	A105		ASME/ANSI B16.5		SATISFACTORY									
COD. COL. HEAT CODE	COLATA HEAT	POS. ITEM	MATERIALE MATERIAL		C%	SI%	Mn%	S%	P%	Cr%	Ni%	Mo%	Ti%	Cu%	V%	Nb%	N%	Al%	C.E.%	ALTRI ELEMENTI OTHER ELEMENTS
	09/35285	0044	ASTM A105		0,200	0,230	0,980	0,013	0,012	0,110	0,060	0,010	0,008	0,180	0,000	0,000	0,000	0,008	0,403	
	09/33805	0045	ASTM A105		0,200	0,230	0,990	0,011	0,013	0,100	0,050	0,010	0,007	0,160	0,003	0,001	0,000	0,005	0,401	
	08/32860	0046	ASTM A105		0,190	0,250	1,150	0,012	0,011	0,090	0,050	0,010	0,018	0,180	0,020	0,002	0,000	0,028	0,420	
	09/35466	0048	ASTM A105		0,200	0,230	0,960	0,015	0,015	0,140	0,050	0,020	0,008	0,170	0,000	0,003	0,000	0,008	0,406	
	548727	0049	ASTM A105		0,180	0,180	1,030	0,003	0,010	0,160	0,110	0,030	0,002	0,180	0,002	0,001	0,000	0,028	0,409	
	74401	0050	ASTM A105		0,195	0,270	0,970	0,014	0,013	0,100	0,040	0,010	0,006	0,170	0,002	0,001	0,000	0,030	0,393	
	08/38247	0051	ASTM A105		0,200	0,220	0,990	0,015	0,012	0,150	0,080	0,020	0,010	0,170	0,003	0,002	0,000	0,005	0,416	
COD. COL. HEAT CODE	COLATA HEAT	POS. ITEM	PROVETTA / TEST SPECIM. SEZ./SECT.	SNERVAMENTO YIELD POINT N/mm2 >=0,2%	ROTTURA TENSILE STRENGTH N/mm2 >=	ALLUNGAMENTO ELONGATION %>=	CONTRAZIONE REDUCT. OF AREA %>=	DUREZZA HB HARDNESS HB	PIEGA BEND TEST	SCHIACCIAM. FLATTENING TEST	RESILIENZA / IMPACT TEST °C	FORMA SHAPE 1=O 2=□	SNERVAMENTO YIELD POINT N/mm2 >=1,0%							
	09/35285	0044	126,60	50,80	528,0	32,0	60,0	159,0 - 163,0	0,0	0,0	20	86	90	0,0						
	09/33805	0045	126,60	50,80	529,0	30,0	58,0	159,0 - 163,0	0,0	0,0	20	80	86	0,0						
	08/32860	0046	126,60	50,80	536,0	30,0	59,0	163,0 - 165,0	0,0	0,0	20	82	88	0,0						
	09/35466	0048	126,60	50,80	526,0	32,0	60,0	159,0 - 163,0	0,0	0,0	20	83	90	0,0						
	548727	0049	126,60	50,80	540,0	30,0	60,0	159,0 - 163,0	0,0	0,0	20	84	86	0,0						
	74401	0050	126,60	50,80	538,0	33,0	58,0	163,0 - 165,0	0,0	0,0	20	88	86	0,0						
	08/38247	0051	126,60	50,80	529,0	30,0	59,0	159,0 - 163,0	0,0	0,0	20	87	87	0,0						
COD. COL. HEAT CODE	COLATA HEAT	POS. ITEM	MATERIALE IN ACCORDO A MATERIAL IN ACCORDANCE TO				TRATTAMENTO TERMICO HEAT TREATMENT				FORNO FURNACE		ORIGINE ORIGIN							
	09/35285	0044	ASTM/ASME A 105/SA 105 M - 05				NORMALIZED AT 920 C - COOLED IN STILL AIR				ELECTRIC FURNACE		EUROPE							
	09/33805	0045	ASTM/ASME A 105/SA 105 M - 05				NORMALIZED AT 920 C - COOLED IN STILL AIR				ELECTRIC FURNACE		EUROPE							
	08/32860	0046	ASTM/ASME A 105/SA 105 M - 05				NORMALIZED AT 920 C - COOLED IN STILL AIR				ELECTRIC FURNACE		EUROPE							
	09/35466	0048	ASTM/ASME A 105/SA 105 M - 05				NORMALIZED AT 920 C - COOLED IN STILL AIR				ELECTRIC FURNACE		EUROPE							
	548727	0049	ASTM/ASME A 105/SA 105 M - 05				NORMALIZED AT 920 C - COOLED IN STILL AIR				ELECTRIC FURNACE		EUROPE							
	74401	0050	ASTM/ASME A 105/SA 105 M - 05				NORMALIZED AT 920 C - COOLED IN STILL AIR				ELECTRIC FURNACE		EUROPE							
	08/38247	0051	ASTM/ASME A 105/SA 105 M - 05				NORMALIZED AT 920 C - COOLED IN STILL AIR				ELECTRIC FURNACE		EUROPE							
NOTE NOTES	UFFICIO CONTROLLO QUALITA' QUALITY CONTROL DEPARTMENT						ENTE UFFICIALE DI COLLAUDO INSPECTION AUTHORITY		MARCHIO PRODUZIONE MANUFACTURER'S SYMBOL											
						S. Corti		MFF												

SALA PROVE E ANALISI MATERIALI / MATERIAL TEST DEPARTMENT

Certificato generato da un sistema informatico secondo la norma EN10204, valido senza firma - This certificate has been generated by computer and need not to be signed for validity acc. to EN10204

COD. COL. HEAT CODE	COLATA HEAT	POS. ITEM	VS. ORDINE YOUR REF.	Q.TA' Q.TY	DESCRIZIONE DESCRIPTION	DIM. IN ACC. A DIM. ACCORDANCE TO										VISIVO E DIMENS. VISUAL & DIMENS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
						ASME/ANSI B16.5	ASME/ANSI B16.5	ASME/ANSI B16.5	ASME/ANSI B16.5	ASME/ANSI B16.5	ASME/ANSI B16.5	ASME/ANSI B16.5	ASME/ANSI B16.5	ASME/ANSI B16.5	ASME/ANSI B16.5	ALTRI ELEMENTI OTHER ELEMENTS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
	654722	0030	REINTEGRO DEPOSITO	10,00	LAP JOINT 150 FF 12"	A105																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														

NOTE NOTES	Ferramenta Industriale BONACINA s.r.l. Silvia Bonini		UFFICIO CONTROLLO QUALITA' QUALITY CONTROL DEPARTEMENT		ENTE UFFICIALE DI COLLAUDO INSPECTION AUTHORITY		MARCHIO PRODUZIONE MANUFACTURER'S SYMBOL	
	Viale Europa, 2G - TREVIOLO (BO) Tel. 035-241266 - Fax 035-201268 Cod. Fisc. 0 P. IVA 00727710102		S. Corti				MFF	

Quen

AELLEBI SRL

TEST CERTIFICATE 3.1

Via Repubblica 1 25065 Lumezzane Brescia tel. 030872934

Certificato di analisi chimica e prove meccaniche

3.1 - en - 10204:2004

Cliente/Customer		DDT/INVOICE												Nr Certificato/Certificate			
FERRAMENTA INDUSTRIALE BONACINA SRL VIALE EUROPA 2/G 24048 (FRA.CURNASCO) TREVIOLO BG		2258 del 29/09/2010												2258 del 29/09/2010			
		Analisi chimiche / chemical analysis												Analisi meccaniche / mechanical test			
Colata	Qty	Descrizione	C%	Mn%	Si%	P%	S%	Ni%	Cr%	Mo%	Ti%	Al%	V%	Cu%	Nb%	Ce%	Pb%
2-15545	20	FLANGIA UNI 2278 DN 125 SJR	0,130	0,470	0,190	0,016	0,027	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
1617	1	FLANGIA UNI 2276 DN 250	0,170	0,580	0,210	0,016	0,015	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
1072	10	FLANGIA UNI 6093 DN 15	0,140	0,450	0,230	0,017	0,020	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
9612	10	FLANGIA UNI 6093 DN 20	0,170	0,780	0,220	0,016	0,015	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
100311	15	FLANGIA UNI 6093 DN 25	0,180	1,150	0,300	0,018	0,010	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
7846	6	FLANGIA UNI 6093 DN 32	0,180	0,790	0,240	0,015	0,016	0,120	0,010	0,027	0,000	0,000	0,000	0,080	0,000	0,314	0,000
2-15545	15	FLANGIA UNI 6093 DN 40 SJR	0,130	0,470	0,190	0,016	0,027	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
08K68716	1	FLANGIA UNI 2276 DN 400	0,170	0,610	0,230	0,023	0,017	0,005	0,010	0,007	0,000	0,000	0,011	0,005	0,000	0,000	0,000
															R - N/mm2	S - N/mm2	A%
															400	215	24 165
															452	251	45 27 139 S
															441	242	46 28 131 S
															465	264	45 26 149 S
															500	260	58 27 150 S
															553	1346	128 45 150 S
															400	215	24 165 N
															497	1255	129 37 165 N

FERRAMENTA INDUSTRIALE
BONACINA S.r.l.

Viale Europa, 20 - TREVIOLO (BG)
Tel. 035-201260 - FAX 035-201268
Cod. Fisc. e P. IVA 00727710162

COPIA
ALL'ORIGINALE

Ferramenta Industriale
BONACINA S.r.l.
Silvia Santini

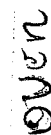
Specifiche : A 105/a 105m - 01 - S235JR

Materiale conforme all'ordine ed alle specifiche

Controllo visivo e dimensionale positivo

Ufficio controllo qualità

AELLEBI SRL



FERRAMENTA INDUSTRIALE BONACINA SRL

Certificato n. 2921
Fattura N.
DDT N. 3118
Ns. Ord. N.

el	10.11.2007
el	
el	07.11.2007
el	

Questo documento certifica che i record sottocitati sono fabbricati in accordo con l'ultima normativa applicabile: ASME/ANSI MSS-SP
risultati delle analisi chimiche e prove meccaniche sono una copia conforme all'originale dei certificati emessi dal produttore e/o fornitore

Pag. 2 - 3

7-15-68

(*) 1=Prodotto a caldo tra 638°-980° 2=Tratt. di distensione 3=Normalizzato 4=Normalizzato e rinvenuto
5=Temprato e rinvenuto 6=Solubilizzato 7=Vedi descrizione

Bulloneria Trevi srl
Via C. Porta, 7
24047 Treviglio (BG)

INSPECTION CERTIFICATE
EN 10204 3.1

N° 800172

DATE 17/09/08

OVER srl
VIA MATTEOTTI, 16
24050 GRASSOBBIO (BG)

ROLLED BAR ANSI B1.1 A/SA 193 B7 3/4"-10UNCX1000	Order FAX	Date 06/08/08	Heat	LOT	RDC
ZINC PLATING WHITE	Item		AR3583	1060623	814834
Qty 5					
Heat treatment QUENCHED AND TEMPERED 593°C					

The material is conforming to the following specifications:
ASTM A193/A193M-04b B7-ASME II PART "A" ED 2004 SA 193 B7

Mechanical Properties	R Mpa	Rs 0.2 Mpa	A%	Z%	HB	HB 24h		Impact test		Proof Load		Impact test	
						min	med	min	med	Temp °C	Temp °C		
Chemical Properties	Required	MIN 860	MIN 16	MIN 50	MAX 321								
	Actual	970	21.0	60.4	294-311								
		C	Mn	Si	P	S	Ni	Cr	Mo	V	Ti	Al	B
	Actual	.430	.770	.240	.010	.024		.930	.170				

VISUAL AND DIMENSIONAL TESTS: SATISFACTORY. WE STATE THAT THE BOLTING MATERIAL WERE MANUFACTURED, SAMPLED, TESTED AND INSPECTED IN ACCORDANCE WITH THE SPECIFICATION AND ANY SUPPLEMENTARY REQUIREMENTS OR OTHER REQUIREMENTS DESIGNATED IN THE PURCHASE ORDER OR CONTACT AND WAS FOUND TO MEET THOSE REQUIREMENTS.

HEAVY HEX NUT h=D ANSI B18.2.2 Tab 9 A/SA 194 2H 3/4"-10UNC	Order FAX	Date 06/08/08	Heat	LOT	RDC
ZINC PLATING WHITE	Qty 100	Item	34855	1046284	814810
Heat treatment QUENCHED AND TEMPERED 455°C					

The material is conforming to the following specifications:
ASTM A194/A194-04a GR.2H-ASME II PART "A" ED.2004 SA 194 2H

[illegible]

VISUAL AND DIMENSIONAL TEST-SATISFACTORY WE STATE THAT THE BOLTING MATERIAL WERE MANUFACTURED, SAMPLED, TESTED AND INSPECTED IN ACCORDANCE WITH THE SPECIFICATION AND ANY SUPPLEMENTARY REQUIREMENTS OR OTHER REQUIREMENTS DESIGNATED IN THE PURCHASE ORDER OR CONTACT AND WAS FOUND TO MEET THOSE REQUIREMENTS.

Quality Control Département
bullonerie ~~de~~ évi sr|