



A01 Manufacture's works : ILVA S.p.A. IN AMMINISTRAZIONE STRAORDINARIA LEGAL SEAT : Viale Certosa 239, 20151 Milano ITALY TARANTO WORKS VIA APPIA SS7 Km648	 A02 TYPE DOCUMENT INSPECTION CERTIFICATE EN 10204 TYPE 3.1	A03 DOCUMENT N. 2016/011584/001	Z02 DATE 02/03/2016	COMPLIES EN 10168	A06 CUSTOMER SALZGITTER HANNESMANN INTER.GMBH SCHWANNSTRASSE 12 40476 DUSSELDORF (ALEMANIA)	GERMANIA	A06.1
		A05 ORIGINATOR DOCUMENT QUALITY CONTROL ILVA		SALZGITTER HANNESMANN INTER.GMBH ----- 00000 VERACRUZ		MESSICO	A06.3

A07 CUSTOMER ORDER	DATE	A09 CUSTOMER ARTICLE	A08 ORDER WORK	ITEM	B09 THICKNESS		B10 WIDTH		B11 LENGTH		B06 MARKING
					MM	INCH	MM	INCH	MM	INCH	
612/17195	29/10/2015	LOT 2	16912555	0003	2,659		914,4				

B01 PRODUCT HOT ROLLED STEEL COILS	B02 STEEL GRADE SAE/AISI 1010	B03 SUPPLEMENTARY REQUIREMENTS	B04 DELIVERY CONDITIONS ACCORDING TO THE STANDARD	B05 TREATMENT SAMPLES
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B07 IDENTIFICATION PRODUCT	B12 THEORET MASS KG.	B16 CAST N.	C00	CHEMICAL COMPOSITION													MECHANICAL AND TECHNICAL TESTS															
				C70 STEEL MAKING PROCESS : LD - Y - BOF						C94 : CONTINUOUS CASTING							TENSILE TEST						C30				C42 IMPACT TEST DWTT TEST (%)					
				C71	C72	C73	C74	C75	C76	C77	C78	C80	C81	C82	C83	C84	C79	CEQ	C01	C02	C11 Re YIELD	C12 Rm TENSILE	C13 A-EL	C18 r 90°	C19 n 90°	C14 Re Rm	C32 MEAN	C40 TYPE PIECE	C01	C02	C42 INDIVIDUAL VALUES	C43 MEAN
				%C	%Si	%Mn	%P	%S	%Al	%Nb	%V	%Ni	%Cr	%Cu	%Ti	N ppm	%Mo	IIW			MPa	MPa	%						1	2	3	X
51086011	13741	524475	*	0,087	0,014	0,555	0,018	0,014	0,043									2	T	330	432	28,0										
B08 TOTAL PIECES N.																																
B14 TOTAL MASS Kg.																																

Z06: LA TEMPERATURA DI LAMINAZIONE E' SUPERIORE AL PUNTO AR3 DEL DIAGRAMMA DI STATO FE-C.
 ROLLING TEMPERATURE IS HIGHER THAN AR3 OF FE-C DIAGRAM.
 PROVA DI TRAZIONE: Lo=80 SE SPESSORE NOMINALE < 3 MM Lo=5,65 rad.So SE SPESSORE NOMINALE >= 3 MM
 TENSILE TEST: Lo=80 IF NOMINAL THICKNESS < 3 MM Lo=5,65 rad.So IF NOMINAL THICKNESS >= 3 MM

C00 SAMPLE IDENTIFICATION CHECK ANALYSIS	* **	D01 INSPECTION MARKING, SURFACE APPEARANCE AND DIMENSIONS: SODDISFACENTE NO REMARK	Z02 VALIDATION	Z03 INSP AGENCY'S STAMP
C30 HARDNESS TEST - TYPE TEST	Z01 WE CERTIFY THAT MATERIAL SUPPLIED COMPLIES WITH THE REQUIREMENTS AGREED ON ORDER		NAME A. MAIORANO 	
C03 TEMP °C	TENSILE TEST	IMPACT TEST		
C01 SAMPLE LOCATION	C02 TESTING DIRECTION	Z05 MS CERTIFICATIONS "Q&HSE Management System certified by IGQ according to ISO 9001, ISO/TS 16949, ISO 14001 and BS OHSAS 18001" "Company with Quality Management System certified by DNV GL = ISO 9001 = and = ISO/TS 29001 ="	Ship:	MAESTRO PEARL 10029/204 i 040162

RQ/0002