

CSN EXPORT CO. Certificate n° 006732

Packing List and Conformity Certificate

Customer CCC STEEL GMBH + CO. KG
 Address PALMATELLE 67
 22767 HAMBURG

Shipping Port SEPETIBA, BRAZIL
 Destination Port BROWNSVILLE, USA
 Vessel PRABHU DAS

Customer Code 1872	Contract n°	Sale order(s) 1482648/000025	Date 02.04.2004	1 / 3
Shipping mark Product Special Mark:	AS PER B/L Plates in Coils 12,70 X 1524			
Specification Quality Edges Finish Roll Planing Oil Packing	ASTM A36 STD Prime - Q1 Mill Edge	Standard date 06.94		
Type B2				

Slab	C	Mn	P	S	SI	Cu	NI	Cr	Mo	Sn	Al	N	Nb	V	TI	B
J43553	0,1380 0,2889	0,8700	0,0180	0,0010	0,2520	0,0080	0,0060	0,0180	0,0040	0,0090	0,0260	0,007100	0,0010	0,0030	0,0020	0,0001
F60239	0,1240 0,2439	0,6940	0,0160	0,0110	0,2050	0,0050	0,0040	0,0120	0,0040	0,0000	0,0460	0,004900	0,0010	0,0020	0,0030	0,0001
F76773	0,1200 0,2411	0,6930	0,0150	0,0070	0,1870	0,0060	0,0030	0,0190	0,0030	0,0040	0,0300	0,006900	0,0010	0,0030	0,0010	0,0003
E73660	0,1200 0,2411	0,6930	0,0150	0,0070	0,1870	0,0060	0,0030	0,0190	0,0030	0,0040	0,0300	0,006900	0,0010	0,0030	0,0010	0,0003
E73659	0,1330 0,2542	0,6880	0,0140	0,0070	0,1900	0,0070	0,0040	0,0200	0,0050	0,0000	0,0330	0,006900	0,0010	0,0040	0,0000	0,0001
E73653	0,1330 0,2575	0,6890	0,0120	0,0070	0,1940	0,0210	0,0070	0,0290	0,0060	0,0000	0,0450	0,003500	0,0020	0,0040	0,0000	0,0001
E73652	0,1330 0,2563	0,6820	0,0120	0,0070	0,1940	0,0200	0,0070	0,0290	0,0060	0,0010	0,0420	0,003500	0,0010	0,0040	0,0000	0,0001
F76763	0,1330 0,2563	0,6820	0,0120	0,0070	0,1940	0,0200	0,0070	0,0290	0,0060	0,0010	0,0420	0,003500	0,0010	0,0040	0,0000	0,0001
F76767	0,1330 0,2575	0,6890	0,0120	0,0070	0,1940	0,0210	0,0070	0,0290	0,0060	0,0000	0,0450	0,003500	0,0020	0,0040	0,0000	0,0001

WE HEREBY CERTIFY THAT MATERIAL HEREIN LISTED WAS MANUFACTURED, INSPECTED, TESTED AND ANALYSED IN OUR LABORATORIES IN ACCORDANCE WITH THE REQUIREMENTS OF THE ORDERED SPECIFICATIONS

Made by: Luciano Henrique do Carmo
 Quality Assurance Technician

Sign: Romulo Mansur
 Technical Manager

CSN EXPORT CO. Certificate n° 006732

Packing List and Conformity Certificate

Customer CCC STEEL GMBH + CO. KG
 Address PALMALLE 67
 22767 HAMBURG

Shipping Port SEPETIBA, BRAZIL
 Destination Port BROWNSVILLE, USA
 Vessel PRABHU DAS

Customer Code 1872 Contract n° 1482648/000025 Sale order(s) 02.04.2004 Date 2 / 3

Shipping mark AS PER B/L
 Product Plates in Coils
 Special Mark: 12,70 X 1524

Quality Edges Finish Roll Planning OH Packing Type B2

Specification ASTM A36 STD
 Prime - Q1
 Mill Edge
 Standard date 06.94

Mechanical Properties

Volume	Heat	YP_TR	TS_TR	YP/TS_TR	E1_TR_200 mm
A474530100	3A5748	347 MPa	440 MPa	0,79	22,0 %
A474530200	3C6677	339 MPa	447 MPa	0,76	22,9 %
A496490100	4C1817	320 MPa	451 MPa	0,71	31,1 %
A496490500	4C1816	323 MPa	453 MPa	0,71	30,9 %
A496500600	4C1816	333 MPa	461 MPa	0,72	31,4 %
A496500800	4C1817	322 MPa	452 MPa	0,71	30,8 %

Shipped Product

Volume	Heat	Slab	Thickness	Net Weight (LB)	Gross Weight (LB)	Width	Gross Weight (LB)	Length	Length Receipt
A474530100	3A5748	J43553	12,700 MM	0,500 IN	1524,0 MM	60,0 IN	110,0 M	4330,7 IN	438951
A474530200	3C6677	F60239	12,700 MM	0,500 IN	16,071 MT	35,430 IN	111,0 M	4370,1 IN	438940
A496490100	4C1817	F76773	12,700 MM	0,500 IN	16,131 MT	35,562 IN	110,0 M	4330,7 IN	442888
A496490300	4C1817	E73660	12,700 MM	0,500 IN	16,336 MT	36,014 IN	111,0 M	4370,1 IN	443796
A496490400	4C1817	E73659	12,700 MM	0,500 IN	16,321 MT	35,981 IN	110,0 M	4330,7 IN	442818

WE HEREBY CERTIFY THAT MATERIAL HEREIN LISTED WAS MANUFACTURED, INSPECTED, TESTED AND ANALYSED IN OUR LABORATORIES IN ACCORDANCE WITH THE REQUIREMENTS OF THE ORDERED SPECIFICATIONS

REMARKS:

Made by: Luciano Henrique do Carmo
 Quality Assurance Technician

Sign: Romulo Mansur
 Technical Manager

CSN EXPORT CO. Certificate n° 006732

Packing List and Conformity Certificate

Customer: CCC STEEL GMBH + CO. KG
 Shipping Port: SEPETIBA, BRAZIL
 Destination Port: BROWNSVILLE, USA
 Vessel: PRABHU DAS
 Address: PALMAVILLE 67
 22767 HAMBURG

Customer Code 1872	Contract n°	Sale order(s) 1482648/000025	Date 02.04.2004	3 / 3
Shipping mark Product Special Mark:	AS PER B/L Plates in Coils 12,70 X 1524		Standard date 06.94	
Specification Quality Edges Finish Roll Planing Oil Packing	ASTMA36STD Prime - Q1 Mill Edge			Type B2

-----Shipped Product -----

A496490500	4C1816	E73653	16,200 MT	35.714,916 LB	16,206 MT	35.728,143 LB	60,0 IN	110,0 M	4330,7 IN	442818
A496490600	4C1816	E73652	16,240 MT	35.803,101 LB	16,246 MT	35.816,328 LB	60,0 IN	110,0 M	4330,7 IN	442890
A496490700	4C1816	F76763	16,305 MT	35.946,401 LB	16,311 MT	35.959,629 LB	60,0 IN	110,0 M	4330,7 IN	443796
A496490800	4C1816	F76767	16,300 MT	35.935,378 LB	16,306 MT	35.948,606 LB	60,0 IN	110,0 M	4330,7 IN	443800
			16,210 MT	35.736,962 LB	16,216 MT	35.750,190 LB	60,0 IN	110,0 M	4330,7 IN	443800

TOTAL: Lots: 0009 Peso Liquido (MT): 146,090 Peso Bruto (MT): 146,144
 TOTAL: Volumes: 0009 Net Weight (LB): 322.073,582 Gross Weight (LB): 322.192,631

WE HEREBY CERTIFY THAT MATERIAL HEREIN LISTED WAS MANUFACTURED, INSPECTED, TESTED AND ANALYSED IN OUR LABORATORIES IN ACCORDANCE WITH THE REQUIREMENTS OF THE ORDERED SPECIFICATIONS

Remarks: Made by: Luciano Henrique do Carmo

Quality Assurance Technician

Sign: Romulo Mansur
 Technical Manager