

CSN EXPORT CO.

Certificate n°
006732

Packing List and Conformity Certificate

Customer
CCC STEEL GMBH + CO. KG

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

Address
PALMALLE 67
22767 HAMBURG

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		Standard date 06.94	
Specification Quality Edges Finish Roll Planing Oil Packing	ASTMA36STD Prime - 01 Mill Edge			Type B2

Slab	C	Mn	P	S	SI	Cu	NI	CR	Mo	Sn	Al	N	Nb	V	Ti	B
J43553	0,1380	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	0,6940	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	0,6930	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	0,6930	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	0,6880	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	0,6890	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	0,6820	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
E75763	0,1330	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
E75767	0,1330	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

Chemical Analysis (%)

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

A 4436

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

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

Specification
 Quality ASTM A36 STD
 Edges Prime - Q1
 Finish Mill Edge
 Roll Planning
 OH
 Packing Type B2

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	Thickness	Net Weight (LB)	Gross Weight	Width	Gross Weight (LB)	Length	Length	Receipt
A474530100	3A5748	J43553	12,700 MM	16,065 MT	0,500 IN	1524,8 MM	16,079 MT	60,0 IN	1524,8 MM	110,0 M	4330,7 IN	438951
A474530200	3C6677	F60239	12,700 MM	16,125 MT	0,500 IN	1524,8 MM	16,139 MT	60,0 IN	1524,8 MM	111,0 M	4370,1 IN	438940
A496490100	4C1817	F76773	12,700 MM	16,330 MT	0,500 IN	1524,8 MM	16,338 MT	60,0 IN	1524,8 MM	110,0 M	4330,7 IN	442888
A496490300	4C1817	E73660	12,700 MM	16,315 MT	0,500 IN	1524,8 MM	16,322 MT	60,0 IN	1524,8 MM	111,0 M	4370,1 IN	443796
A496490400	4C1817	E73659	12,700 MM	16,315 MT	0,500 IN	1524,8 MM	16,322 MT	60,0 IN	1524,8 MM	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 de Carvalho
 Quality Assurance Technician

Sign: Romulo Mansur
 Technical Manager

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Shipping mark
Product
Special Mark:

AS PER B/L
Plates in Coils
12,70 X 1524

Standard date 06.94

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22767 HAMBURG

Shipping Port SEBERTA, BRAZIL
Destination Port BRONNSVILLE, USA
Vessel PRABHU DAS

Specification
Quality
Edges
Finish Roll
Planing
Oil
Packing

ASTMA36STD
Prime - 01
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
			12,700 MM	0,500 IN	1524,0 MM	60,0 IN				
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
			12,700 MM	0,500 IN	1524,0 MM	60,0 IN				
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
			12,700 MM	0,500 IN	1524,0 MM	60,0 IN				
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
			12,700 MM	0,500 IN	1524,0 MM	60,0 IN				
			16,210 MT	35,736,962 LB	16,216 MT	35,750,190 LB				

TOTAL: Lots: 0009 Peso Liquido (MT): 146,090
 TOTAL: Volumes: 0009 Net Weight (LB): 322,073,582 Gross Weight (LB): 322,192,631

Peso Bruto (MT): 146,144

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Remarks:

Made by: Luciano Henrique do Carmo
 Quality Assurance Technician

Sign: Romulo Mansur
 Technical Manager