

44431

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 PALMALLIE 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
-----Chemical Analysis (%)-----																
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
F76763	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
F76767	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

WE HEREBY CERTIFY THAT MATERIAL HEREIN LISTED WAS MANUFACTURED, INSPECTED, TESTED AND ANALYSED BY 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



Remarks:

CSN EXPORT CO. Certificate n° 006732

Packing List and Conformity Certificate

Customer: CCC STEEL GMBH + CO. KG  
 Address: PALMAILLE 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  
 2 / 3

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

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

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	Thickness	Net Weight (LB)	Gross Weight	Width	Gross Weight (LB)	Length	Length	Receipt
A474530100	3A5748	J43553	12,700 MM	12,700 MM	0,500 IN	1524,0 MM	1524,0 MM	60,0 IN	110,0 M	4330,7 IN	438951	
A474530200	3C6677	F60239	12,700 MM	12,700 MM	0,500 IN	1524,0 MM	1524,0 MM	60,0 IN	111,0 M	4370,1 IN	438940	
A496490100	4C1817	F76773	12,700 MM	12,700 MM	0,500 IN	1524,0 MM	1524,0 MM	60,0 IN	110,0 M	4330,7 IN	442888	
A496490300	4C1817	E73660	12,700 MM	12,700 MM	0,500 IN	1524,0 MM	1524,0 MM	60,0 IN	111,0 M	4370,1 IN	443796	
A496490400	4C1817	E73659	12,700 MM	12,700 MM	0,500 IN	1524,0 MM	1524,0 MM	60,0 IN	110,0 M	4330,7 IN	442818	

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 Quality Assurance Technician

Sign: Romulo Mansur  
 Technical Manager

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 Address: PALMATELLE 67, 22767 HAMBURG  
 Shipping Port: SEZETIRA, BRAZIL  
 Destination Port: BROMNSVILLE, USA  
 Vessel: PRABHU DAS

Customer Code 1872	Contract n°	Sale order(s) 1482648/00025	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 12,700 MM	35.714,916 LB 0,500 IN	16,206 MT 1524,0 MM	35.728,143 LB 60,0 IN	110,0 M	4330,7 IN 442818
A496490600	4C1816	E73652	16,240 MT 12,700 MM	35.803,101 LB 0,500 IN	16,246 MT 1524,0 MM	35.816,328 LB 60,0 IN	110,0 M	4330,7 IN 442890
A496490700	4C1816	F76763	16,305 MT 12,700 MM	35.946,401 LB 0,500 IN	16,311 MT 1524,0 MM	35.959,629 LB 60,0 IN	110,0 M	4330,7 IN 443796
A496490800	4C1816	F76767	16,300 MT 12,700 MM	35.935,378 LB 0,500 IN	16,306 MT 1524,0 MM	35.948,606 LB 60,0 IN	110,0 M	4330,7 IN 443800

TOTAL: Lotes: 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

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