



CSN EXPORT CO.

Certificate n°  
006732

Customer Code  
1872

Contract n°

Sale order(s)  
1482689/000025

Date  
02.04.2004

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Packing List and Conformity Certificate

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

Address  
PALMAILLE 67  
22767 HAMBURG  
GERMANY

Shipping mark  
Product  
Special Mark:  
AS PER B/L  
Plates in Coils  
12,70 X 1524  
Specification  
Quality  
Edges  
Finish Roll  
Planning  
Oil  
Packing  
Type B2

Standard date 06.94

Chemical Analysis (%)

0,2542

Mechanical Properties

Volume	Heat	YP_TR	TS_TR	YP/TS_TR	E1_TR_200 mm
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)	Thickness	Net Weight (LB)	Width	Gross Weight (LB)	Width	Gross Weight (LB)	Length	Length	Receipt
A496490200	4C1817	F76772	12,700 MM	0,500 IN	1524,0 MM	1524,0 MM	60,0 IN	111,0 M	4370,1 IN	456724			
A496500200	4C1817	F76774	12,700 MM	0,500 IN	1524,0 MM	1524,0 MM	60,0 IN	110,0 M	4330,7 IN	442825			
A496500300	4C1817	F76769	12,700 MM	0,500 IN	1524,0 MM	1524,0 MM	60,0 IN	110,0 M	4330,7 IN	442825			

WE 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: Rosendo Mansur  
Technical Manager

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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  
ASTMA365TD  
Prime - Q1  
M11 Edge  
Type B2

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

A496500400	4C1817	E73657	12,700 MM	0,500 IN	1524,0 MM	60,0 IN	110,0 M	4330,7 IN	442889
			16,175 MT	35,659,800 LB	16,181 MT	35,673,028 LB			
A496500500	4C1817	E73656	12,700 MM	0,500 IN	1524,0 MM	60,0 IN	110,0 M	4330,7 IN	442826
			16,110 MT	35,516,499 LB	16,116 MT	35,529,727 LB			
A496500600	4C1816	E73651	12,700 MM	0,500 IN	1524,0 MM	60,0 IN	110,0 M	4330,7 IN	446556
			15,960 MT	35,185,806 LB	15,966 MT	35,199,033 LB			
A496500700	4C1817	F76768	12,700 MM	0,500 IN	1524,0 MM	60,0 IN	110,0 M	4330,7 IN	446326
			16,225 MT	35,770,031 LB	16,231 MT	35,783,259 LB			
A496500800	4C1817	E73658	12,700 MM	0,500 IN	1524,0 MM	60,0 IN	110,0 M	4330,7 IN	442883
			15,960 MT	35,185,806 LB	15,966 MT	35,199,033 LB			
A496500900	4C1817	F76771	12,700 MM	0,500 IN	1524,0 MM	60,0 IN	110,0 M	4330,7 IN	442883
			16,245 MT	35,814,124 LB	16,251 MT	35,827,351 LB			
A496501000	4C1817	F76770	12,700 MM	0,500 IN	1524,0 MM	60,0 IN	110,0 M	4330,7 IN	442826
			15,495 MT	34,160,655 LB	15,501 MT	34,173,883 LB			

TOTAL: Lotes: 0010 Peso Liquido (MT): 159,770 Peso Bruto (MT): 159,830  
 Volumes: 0010 Net Weight (LB): 352,232,844 Gross Weight (LB): 352,365,121

BY 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