



GERDAU ACOMINAS S.A.
 RUA MG 443 KM 7 S/N FAZENDA DO CADETE
 OURO BRANCO MG
 36420-000 BRAZIL

MILL TEST / QUALITY CERTIFICATE

CUSTOMER FAF PRODUTOS SIDERURGICOS S.A	CUSTOMER ORDER FAF 19.05.2017	SALES ORDER 5181516.000014	PAGE 1 / 1
PRODUCT Plata	EDGE TYPE Cut edge	DIMENSIONS 16,000mm x 2000mm x 12000mm	DATE 11/17/2017
SPECIFICATION EN 10025-2:2004 - S275JR-AR	DELIVERY CONDITION As cold	DOCUMENT NUMBER 0004888E17	

Gerdau S.A. certifies that the material herein described is in accordance with the applicable technical specifications. As mutual protection for customer and supplier, this certificate is considered as confidential and can not be transferred or reproduced without the written authorization of Gerdau S.A.

PLATE #	WEIGHT (MT)	HEAT	SAMPLE	PLATE #	WEIGHT (MT)	HEAT	SAMPLE
3705962901	3.014	28053440	28053460016	3705962902 (1)	3.014	28053440	28053460016
CHEMICAL COMPOSITION							
HEAT	CP%	MP%	SI%	P%	S%	AL%	CR%
28053460	0.13	0.91	0.18	0.015	0.010	0.028	0.01
HEAT	CE%						
28053460	0.23						
TENSILE TEST							
SAMPLE	DIRECTION	POSITION	YS/RE(MPa)	TS/RT(MPa)	YS/TS	ELONG/LARG(M%)	
28053460016	Transversal	1/4 Width / Ancho	294	447	0.66	35.0	
TENSILE TEST							
GAUGE LENGTH/LONGITUD DE REFERENCIA: L0: 5.65 x (S0%)							

ABBREVIATIONS	YS/RE	Yield Point	TS/RT	Tensile Strength	YS/TS	Elastic Ratio	ELONG/LARG	Elongation
Mother Plate								

REMARKS
 CE02 - C-Mn-Si-Al-Cu-Nb-V-Ni-N-Cu-Ti
 Product Type: Hot Rolled Structural Steel Products
 EC Certificate of Conformity N.º 020381CP/200000089/A
 Declaration of Performance N.º 020381CP/200000089/A
 Harmonized Standard: EN 10025-2:2004
 Essential Characteristics: Tensile / 2004
 Durability, regulated substance - No performance Determined
 Intended Uses: Building Construction, Engineering
 Technical User: Building Construction, Engineering
 Statement on Dimensions: see to EN 10025-2, Table 1 Cl. B, Tab 3 Cl. B, Tab 3 Cl. N - Type L
 Mill Test Certificate according to EN 10163-2 Cl. B - Subclass 3
 Ultrasounds testing according to EN 10160 Class 31E1

FAF - Produtos Siderurgicos, S.A.
 Departamento de Qualidade



0038

QUALITY ASSURANCE

SURVEYOR

DATA
2018/02/24

ONIRAM, LDA
 DEP. QUALIDADE
 RECEPÇÃO

[Signature]

KENJI CAIETY
 GRETA 43238