



Contract No.	
Customer	GERDAU CORSA SAPI DE CV
L/C No.	DPCMXH500022
P/O No.	32201502C211
Commodity	HOT ROLLED WIDE FLANGE BEAMS
Specification	ASTM A572 G50/A992/ CSA 350W

MILL TEST CERTIFICATE

EN 10204(2004) TYPE 3.1

		
Certificate No.	IH20150202511 - 3	
Class Cert. No.		
Date of issue	2015-02-16	

Dimensions & Length	Heat No.	Pieces Weights (kg)	Chemical Composition (%)											Tensile Test			Impact Test (V-notch)				Remarks (Impact Specimen Size)	
			C	Si	Mn	P	S	Cu	Mo	Al	Nb	Sn	CE ⁽¹⁾	Tensile Strength	Yield point	Elongation ⁽²⁾	Yield Ratio	AVG	1	2		3
			×100			×1000			×100			×1000			×100	N/mm ²	N/mm ²	%		()		C
8X6-1/2X28 40.00 FT	D 125451	48 24,384	19	15	57	24	10	31	2	5	16	16	35	522	402	27.5	0.77					
8X6-1/2X28 40.00 FT	D 125452	72 36,576	16	13	59	23	8	28	2	5	15	16	31	524	383	27.0	0.73					
8X6-1/2X28 40.00 FT	D 125453	208 105,664	17	15	60	29	8	33	2	4	17	12	34	533	400	25.0	0.75					
8X6-1/2X28 40.00 FT	D 125454	136 69,088	17	13	58	27	6	24	2	4	15	21	33	530	401	25.0	0.76					
8X6-1/2X28 40.00 FT	D 125455	8 4,064	17	14	57	32	6	28	3	6	16	18	33	534	386	25.0	0.72					
8X8X31 40.00 FT	D 124846	6 3,372	19	16	60	28	4	36	2	5	17	17	35	540	429	24.0	0.79					
8X8X31 40.00 FT	D 124847	37 20,794	18	15	61	31	6	37	2	6	17	16	35	544	431	25.0	0.79					
8X8X31 40.00 FT	D 124849	12 6,744	18	13	60	27	4	37	2	4	16	14	35	539	418	25.0	0.78					
8X8X31 40.00 FT	D 124850	5 2,810	18	14	61	23	5	33	1	4	17	14	33	542	415	26.5	0.77					
SUB TOTAL		532 273,496																				

(Note) (1) Ceq: (CE=C+Mn/6+Cr/5+V/5+Mo/5+Ni/15+Cu/15)

(2) Gauge length : 200 mm

(3) Yield Ratio = YP/TS

J. C. Ahn
General Manager of Q.A Team

WE HEREBY CERTIFY THAT THE MATERIAL HAS BEEN MADE AND TESTED IN ACCORDANCE WITH THE ABOVE SPECIFICATION AND ALSO WITH THE REQUIREMENTS CALLED FOR THE ABOVE ORDER