



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 - 25	
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	
			x100	x1000	x100	x1000	x100	x1000	x100	x1000	x100	N/mm ²	%		()	C						
14X5X26 40.00 FT	D 125426	145 68,440	16	15	59	33	9	34	2	4	14	16	33	537	408	24.0	0.76					
14X5X26 40.00 FT	D 125427	50 23,600	16	14	60	28	7	32	2	4	18	14	32	524	395	25.5	0.75					
14X5X26 40.00 FT	D 125428	30 14,180	17	15	59	30	15	36	2	3	16	16	33	535	408	24.0	0.76					
14X5X26 40.00 FT	D 125429	55 25,960	15	15	65	25	9	30	2	3	15	12	32	542	412	24.0	0.76					
14X6-3/4X30 40.00 FT	D 125336	155 84,320	16	16	59	26	9	26	2	4	14	13	31	520	390	24.5	0.75					
14X6-3/4X30 40.00 FT	D 125337	160 87,040	16	16	59	33	8	28	2	4	17	14	32	530	399	25.0	0.75					
14X6-3/4X30 40.00 FT	D 125338	120 65,280	16	17	60	35	3	28	2	4	14	13	32	523	394	25.0	0.75					
14X6-3/4X30 40.00 FT	D 125339	5 2,720	16	15	59	24	7	29	3	4	18	16	32	534	401	26.5	0.75					
14X6-3/4X34 40.00 FT	D 125339	130 80,210	16	15	59	24	7	29	3	4	18	16	32	529	398	26.0	0.75					
SUB TOTAL		850 451,730																				

(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