

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



Head Office	63, Jungbong-daero, Dong-gu, Incheon, 401-712, S. Korea
Certificate No.	IH20150202511 - 8
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		N/mm ²		%		C					
10X5-3/4X30 40.00 FT	D 125343	144 78,336	17	14	65	27	10	35	2	4	18	15	34	543	393	26.0	0.72					
10X8X33 40.00 FT	D 124857	41 24,559	16	16	102	27	8	33	1	5	6	15	39	539	401	26.0	0.74					
10X8X33 40.00 FT	D 124919	22 13,178	17	16	60	23	4	29	2	5	17	12	33	517	382	26.0	0.74					
10X8X33 40.00 FT	D 124920	178 106,622	17	17	58	24	3	33	2	5	18	15	32	531	394	26.0	0.74					
10X8X33 40.00 FT	D 124921	72 43,128	17	14	59	24	2	29	2	5	17	12	32	511	372	28.0	0.73					
10X8X33 40.00 FT	D 124922	140 83,860	17	14	58	20	3	31	2	5	17	16	33	523	391	26.5	0.75					
10X8X33 40.00 FT	D 124923	30 17,970	18	15	60	25	5	33	2	5	16	17	34	534	410	25.5	0.77					
10X8X39 40.00 FT	D 124903	18 12,744	17	15	102	21	9	39	1	4	5	15	40	576	426	23.0	0.74					
10X8X39 40.00 FT	D 124913	42 29,736	17	15	59	33	5	32	2	6	18	28	33	533	394	26.5	0.74					
SUB TOTAL		687 410,133																				

(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