



ORIGINAL

MILL TEST CERTIFICATE

EN 10204(2004) TYPE 3.1

		
Head Office	63, Jungbong-daero, Dong-gu, Incheon, 401-712, S. Korea	
Certificate No.	IH20150305389 - 1	
Class Cert. No.		
Date of Issue	2015-03-30	

Contract No.	
Customer	GFRDAU CORSA SAPI DE CV
L/C No.	DPCMXH500702
P/O No.	32201503C211
Commodity	HOT ROLLED WIDE FLANGE BEAMS
Specification	ASTM A572 G50/A992/ CSA 350W

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		×1000		×100		N/mm ²		%		()	C		
8X6-1/2X24 40.00 FT	D 125460	16 6,960	17	16	60	31	9	32	3	8	16	17	34	526	385	24.5	0.73					
8X6-1/2X24 40.00 FT	D 125461	9 3,480	16	14	60	30	9	32	2	4	16	14	32	535	402	25.0	0.75					
8X6-1/2X24 40.00 FT	D 125468	48 20,880	17	16	59	28	5	24	2	5	17	15	32	535	402	27.0	0.75					
8X6-1/2X24 40.00 FT	D 125469	184 80,040	18	15	58	27	6	34	2	5	15	15	34	544	400	25.0	0.74					
8X6-1/2X24 40.00 FT	D 125470	104 45,240	17	14	58	25	6	27	2	5	16	22	32	536	400	27.5	0.75					
8X6-1/2X28 40.00 FT	D 125449	16 8,128	15	15	63	24	7	29	2	4	17	15	32	531	414	26.5	0.78					
8X6-1/2X28 40.00 FT	D 125450	88 44,704	17	14	61	29	7	33	2	4	17	16	34	545	406	27.0	0.74					
8X6-1/2X28 40.00 FT	D 125451	144 73,152	19	15	57	24	10	31	2	5	16	16	35	522	402	27.5	0.77					
8X8X31 40.00 FT	D 125506	12 6,744	18	20	60	21	7	28	2	6	17	15	34	552	416	23.5	0.75					
SUB TOTAL		620 289,328																				

(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

<p>J. C. Ahn</p> <p>General Manager of Q A Team</p>	<p>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</p>