

Contract No.	
Customer	PLESA ANAHUAC Y CLAS, S.A. DE C.V.
PO No.	32201707/CP41
L/C No.	
Commodity	H-BEAM
Specification	HOT ROLLED WIDE FLANGE BEAM ASTM A572 G50/A992/CSA G 40Z1-13 50MM(345MM) PARA MATERIAL DE VIGA

**INSPECTION CERTIFICATE**  
EN 10204(2004) TYPE 3.1

Factory	63, Jungbong-Daero, Dong-gu, Incheon, S. Korea
Certificate No.	IH20170901278-1
Class certificate No.	
Issue date	2017-09-07
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Dimensions	Length	Heat No.	Quantity (PCS)	Weight (kg)	Chemical Composition														Tensile Test		Yield Ratio			Impact Test(I)			Remarks (Impact Specimen Size)															
					C		Si		Mn		P		S		Cu		Ni		Mo		Cr		Al		V			Nb		Sn		CE <sub>tot</sub>		Tensile Strength	Yield Strength	Elongation	BEND TEST	V-Notch	1	2	3	°C
					×100	×100	×100	×10000	×10000	×10000	×100	×100	×100	×100	×1000	×1000	×1000	×100	N/mm <sup>2</sup>	N/mm <sup>2</sup>	%	AVG	1	2	3																	
4X4X13	40.00 FT	D 142620	96	22,656	16	16	58	22	7	30	10	2	18	3	3	16	13	32	545	400	24.0	0.73																				
6X6X15	40.00 FT	D 142593	3	816	17	14	59	24	7	25	9	2	19	3	2	16	12	33	538	402	24.5	0.75																				
6X6X15	40.00 FT	D 142594	96	26,112	16	19	57	24	5	26	9	2	19	4	3	16	11	32	521	431	26.0	0.83																				
24X7X55	40.00 FT	E 199399	17	16,966	14	16	53	17	5	32	11	2	14	5	12	2	14	29	524	421	26.0	0.81																				
24X7X55	40.00 FT	E 199400	3	2,994	13	17	52	19	12	29	10	1	14	3	14	2	14	28	489	366	27.0	0.75																				
24X12-3/4X104	40.00 FT	N 039010	3	5,661	20	14	94	22	10	31	8	2	19	3	14	1	12	43	496	392	26.0	0.79																				
24X12-3/4X104	40.00 FT	N 039012	2	3,774	18	14	96	23	11	31	10	2	22	2	14	3	16	42	493	364	26.5	0.75																				
24X12-3/4X104	40.00 FT	N 039013	1	1,887	18	16	98	19	11	23	8	2	15	3	14	3	10	40	554	404	25.0	0.73																				
24X12-3/4X104	40.00 FT	N 039014	4	7,548	18	15	94	17	7	24	9	2	10	3	14	2	10	39	549	405	27.0	0.74																				
24X12-3/4X104	40.00 FT	N 039015	2	3,774	18	14	101	20	10	26	9	2	15	3	14	5	15	41	545	408	27.5	0.75																				
<b>TOTAL</b>			<b>227</b>	<b>92,188</b>															<b>536</b>	<b>380</b>	<b>27.0</b>	<b>0.71</b>																				

(1) Ceq: (CE=C+Mn/6+Cr/5+V/5+Mo/5+Ni/15+Cu/15)  
 (2) Gauge length : 200 mm  
 (3) YR = Y.S./T.S

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.

J. C. Ahn

General Manager of QA Team

Qrcode scanner App : "Qreal"

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HMS I.102(A)-3a A4(10x297)