


Contract No.	
Customer	PLESA ANAHUAC Y CLAS, S.A. DE C.V.
PO No.	32201705CP11
L/C No.	
Commodity	H-BEAM
Specification	HOT ROLLED WIDE FLANGE BEAM ASTM A572 G50/A992/CSA G 40-21-13 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.	IH20170901275-1
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			BEND TEST			Impact Test(I)			Remarks (Impact Specimen Size)			
					C	Si	Mn	P	S	Cu	Ni	Mo	Cr	Al	V	Nb	Sn	CE _{tot}	Tensile Strength	Yield Strength	Elongation	Ratio	BEND TEST	AVG	1	2	3	°C					
					x100													N/mm ²	N/mm ²	%	-	-	-	-	-	-	-						
14X5X22	40.00 FT	D 142169	3	1,197	16	14	64	31	7	25	8	1	16	3	2	17	10	32	538	400	25.5	0.74											
14X5X22	40.00 FT	D 142225	5	1,995	18	14	57	25	10	29	10	2	17	3	2	16	16	34	536	400	23.5	0.75											
14X5X22	40.00 FT	D 142226	20	7,980	17	14	58	21	9	30	11	3	14	3	2	17	14	33	528	385	25.5	0.73											
TOTAL			28	11,172																													

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

General Manager of QA Team
J. C. Ahn