

Contract No.	
Customer	HYUNDAI CORPORATION
PO No.	32201705CP14
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.	IH20170801222-1
Class certificate No.	
Issue date	2017-08-08
PAGE: 11/11	

Dimensions	Length	Heat No.	Quantity (PCS)	Weight (kg)	Chemical Composition											Tensile Test			Impact Test(I)			Remarks (Impact Specimen Size)						
					C	SI	Mn	P	S	Cu	NI	Mo	Cr	Al	V	Nb	SH	CE(%)	Tensile Strength	Yield Strength	Elongation		Yield Ratio	BEND TEST	V-North	1	2	3
10X4X15	40.00 FT	D 141706	70	19,040	17	14	60	20	5	26	14	2	12	3	2	15	12	33	538	426	25.0	0.79						
10X4X15	40.00 FT	D 141707	10	2,720	16	14	59	27	10	22	9	2	18	3	2	14	10	32	520	417	23.0	0.80						
TOTAL			80	21,760																								

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

Note

***** END *****

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