Contract No.	
Customer	HYUNDAI CORPORATION
PO No.	32201612C91P
L/C No.	
Commodity	**H-BEAM**
Specification	**HOT ROLLED WIDE FLANGE BEAM ASTM A572 G50/A992/CSA G 40.21-13 50WM(345WM) PARA MATERIAL DE VIGA**

INSPECTION CERTIFICATE

EN 10204(2004) TYPE 3.1

HYUNDAI STEEL

Factory	6363,Donghaean-ro,Nam-gu,Pohang-si,Gyeongsangbuk-do,S.Korea
Certificate No.	IH20170207224-1
Class certificate No.	
Issue date	2017-04-12

Dimensions	Length	Heat No.	Quantity (PCS)	Weight (kg)	Chemical Composition																	Tensile Test			Yield Ratio(3)	BEND TEST	Impact Test(L)				Remarks (Impact Specimen Size)
					C	Si	Mn	P	S	Cu	Ni	Mo	Cr	Al	V	Nb	Sn	CE(1)				Tensile Strength	Yield Strength	Elongation (2)			V-Notch			°C	
					×100			×1000		×100				×1000				×100				N/mm2		%	-	-	AVG	1	2	3	-
30X10-1/2X132	40.00 FT	3G1994	2	4,788	19	15	100	18	9	22	9	2	15	3	30	1	14	42				556 559	391 395	23.4 23.1	0.70 0.70						
30X10-1/2X132	40.00 FT	3G3358	4	9,576	18	15	104	13	11	22	8	2	10	2	32	1	12	40				563 560	412 410	27.2 27.8	0.73 0.73						
30X10-1/2X132	40.00 FT	3G3359	4	9,576	18	13	104	15	10	22	8	2	8	2	32	1	12	40				562 560	424 421	25.5 26.7	0.75 0.75						
30X10-1/2X132	40.00 FT	3G3360	3	7,182	18	17	101	18	12	22	8	2	17	2	30	1	12	41				575 573	437 434	23.8 24.8	0.76 0.75						
TOTAL			**13**	**31,122**	====== E N D ======																										

Conditions of supply : As Rolled
(1) Cec: (CE=C+Mn/6+Cr/5+V/5+Mo/5+Ni/15+Cu/15)
(2) Gauge length : 200 mm
(3) Y.R = Y.S/T.S

Note

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 Q.A Team