Contract No.	
Customer	HYUNDAI CORPORATION
L/C No.	
P/O No.	32201601C11P
Commodity	H-BEAM
Specification	ASTM A572 G50/A992/CSA G 40.21-13 50WM(345WM)

INSPECTION CERTIFICATE

EN 10204(2004) TYPE 3.1

HYUNDAI STEEL

Head Office	6363, Donghaean-ro, Nam-gu, Pohang,790-707, S. Korea
Certificate No.	IH20160201445 - 1
Class Cert. No.	
Date of Issue	2016-02-13

Dimensions & Length	Heat No.	Pieces / Weights (kg)	Chemical Composition (%)											Tensile Test			Yield Ratio	Impact Test (V-notch)				Remarks (Impact Specimen Size)
			C	Si	Mn	P	S	Cu Ni	Mo Cr	Al V	Nb	Sn	CE(1)	Tensile Strength	Yield point	Elongation(2)		AVG	1	2	3	
			×100			×1000		×100		×1000			×100	N/mm²		%		(°)	°C			
30X10-1/2X108 40.00 FT	3F5647	8 15,672	17	15	103	9	11	14 7	2 9	2 32	1	10	38	558 560	408 411	25.0 24.5	0.73 0.73					
TOTAL		8 15,672	====== E N D ======																			

(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

Conditions of supply : As Rolled

General Manager of Q.A Team

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