

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



Head Office	6363, Donghaean-ro, Nam-gu, Pohang, 790-707, S. Korea
Certificate No.	IH20160205688 - 1
Class Cert. No.	
Date of Issue	2016-03-29

EN 10204(2004) TYPE 3.1

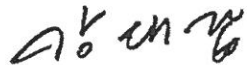
Dimensions & Length	Heat No.	Pieces Weights (kg)	Chemical Composition (%)											Tensile Test			Impact Test (V-notch)				Remarks (Impact Specimen Size)		
			C	Si	Mn	P	S	Cu Ni	Mo Cr	Al V	Nb	Sn	CE <sup>(1)</sup>	Tensile Strength	Yield point	Elongation <sup>(2)</sup>	Yield Ratio	AVG	1	2		3	
			×100		×1000		×100		×1000			×100	N/mm <sup>2</sup>		%		(°)	C					
6X4X9 40.00 FT	4C0956	36 5,868	16	13	72	20	19	21 13	3 11	1 30		2	11	34	559 555	449 445	22.5 23.0	0.80 0.80					
6X4X9 40.00 FT	4C0957	90 14,670	16	14	73	24	18	19 11	3 13	2 30		2	13	34	539 534	425 422	23.5 24.2	0.79 0.79					
6X4X12 40.00 FT	4C0959	288 62,784	16	13	71	23	16	18 9	3 14	2 34		2	18	34	568 563	448 442	22.5 23.2	0.79 0.78					
6X4X16 40.00 FT	4C0960	72 20,880	16	14	73	23	18	18 9	2 10	1 30		2	19	33	528 530	403 406	27.5 27.2	0.76 0.77					
TOTAL		486 104,202	===== 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