Contract No.	Z250404858
Customer	HYUNDAI CORPORATION
PO No.	F250400295
L/C No.	
Commodity	**H-BEAM**
Specification	**ASTM A572 G50/A992/CSA G40.21-13 50WM(345WM)**

INSPECTION CERTIFICATE

EN 10204(2004) TYPE 3.1

HYUNDAI STEEL

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Factory	63, Jungbong-Daero, Dong-gu, Incheon, S. Korea
Certificate No.	IH20250600377-1
Class certificate No.	
Issue date	2025-07-16

Dimensions	Length	Heat No.	Quantity (PCS)	Weight (kg)	Chemical Composition																	Tensile Test			Yield Ratio (3)	BEND TEST	Impact Test(L)				Remarks (Impact Specimen Size)	Country of Melt and Pour
																											V-Notch			℃		
					C	Si	Mn	P	S	Cu	Ni	Mo	Cr	Al	V	Nb	Sn	B	CE(1)			Tensile Strength	Yield Strength	Elongation (2)			AVG	1	2	3		
					×100			×1000		×100				×1000				×10000	×100			N/mm2		%	-	-	-					
8X4X13	12.00 M	D 186881	12	2,784	16	15	60	26	5	27	10	3	20	3	2	17	11	4	33			543 547	416 428	24.0 24.1	0.767 0.783							KOR
8X4X13	12.00 M	D 186882	84	19,488	17	18	62	28	6	26	9	2	21	3	2	16	11	5	34			553 548	438 435	21.8 23.9	0.793 0.794							KOR
8X4X15	12.00 M	D 186808	56	15,008	11	18	81	19	6	22	9	2	13	4	2	17	8	5	30			507 501	407 409	29.4 27.8	0.803 0.817							KOR
8X4X15	12.00 M	D 186872	36	9,648	11	18	94	26	11	24	9	2	19	2	3	14	10	5	33			537 542	434 434	23.8 26.2	0.809 0.801							KOR
10X4X15	12.00 M	D 186771	39	10,452	11	13	80	18	5	21	9	2	10	2	0	15	9	3	29			508 507	415 410	26.8 27.2	0.817 0.809							KOR
10X4X15	12.00 M	D 186772	40	10,720	10	15	81	16	5	22	8	2	8	2	0	15	9	3	28			511 507	415 412	26.8 27.1	0.813 0.813							KOR
14X5X22	12.00 M	D 186768	28	11,004	17	15	59	19	6	21	8	2	11	2	1	15	8	3	31			533 531	409 407	24.0 25.0	0.768 0.767							KOR
TOTAL			**295**	**79,104**	====== E N D ======																											

(1) Ceq: (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
Melted and Poured in Republic of Korea
Country of Produce and Process - Republic of Korea
HSCODE(H Section) : 7216.33

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.

지태윤

General Manager of Q.A Team

This test report can be verified the authenticity to scan the top-right QR code via 'Qreal' mobile app. 2025.07.16.15:08:46 9201675 HMS I 102(A)-3a A4(210x297)