Contract No.	Z241100639
Customer	HYUNDAI CORPORATION
PO No.	F241100029
L/C No.	L0201412FS02574
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.	IH20250100342-1
Class certificate No.	
Issue date	2025-03-12

Dimensions	Length	Heat No.	Quantity (PCS)	Weight (kg)	Chemical Composition																	Tensile Test			Yield Ratio (3)	BEND TEST	Impact Test(L)				Remarks (Impact Specimen Size)	Country of Melt and Pour
					C	Si	Mn	P	S	Cu	Ni	Mo	Cr	Al	V	Nb	N	CE(1)				Tensile Strength	Yield Strength	Elongation (2)			V-Notch			℃		
																											AVG	1	2	3		
					×100			×1000		×100				×1000			×10000	×100				N/mm2		%	-	-	-					
8X8X31	12.00 M	D 184389	20	11,060	18	16	61	31	13	24	10	2	27	2	1	14	100	36				554 558	415 423	24.8 23.4	0.750 0.759							KOR
8X8X31	12.00 M	D 184664	3	1,659	16	14	61	29	7	24	10	1	27	2	3	17	113	34				535 540	417 394	25.8 26.6	0.780 0.730							KOR
10X5-3/4X22	12.00 M	D 184369	25	9,825	15	17	60	31	3	26	8	2	28	4	2	15	105	33				546 544	428 428	25.5 25.3	0.784 0.787							KOR
10X5-3/4X26	12.00 M	D 184364	25	11,600	13	17	77	20	5	31	10	2	10	3	1	16	96	31				530 547	405 414	25.1 25.6	0.765 0.757							KOR
10X5-3/4X30	12.00 M	D 184379	20	10,720	17	16	61	23	5	24	10	2	13	3	2	16	119	32				536 533	402 397	26.3 25.6	0.750 0.745							KOR
TOTAL			**93**	**44,864**	====== E N D ======																											

(1) Ceq: (CE=C+(Cr+V+Mo)/5+(Cu+Ni)/15+Mn/6)
(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. 2025.03.12.09:42:58 9201675 HMS I 102(A)-3a A4(210x297)