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.	IH20241200349-1
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
																											V-Notch			℃		
					C	Si	Mn	P	S	Cu	Ni	Mo	Cr	Al	V	Nb	N	CE(1)				Tensile Strength	Yield Strength	Elongation (2)			AVG	1	2	3		
					×100			×1000		×100				×1000			×10000	×100				N/mm2		%	-	-	-					
14X5X22	12.00 M	D 184547	21	8,253	17	18	60	20	5	20	9	2	17	3	2	15	115	33				543 542	430 439	25.0 24.5	0.792 0.810							KOR
14X5X22	12.00 M	D 184548	165	64,845	17	16	60	21	6	17	7	2	15	2	1	15	131	32				537 538	423 414	25.1 25.5	0.788 0.770							KOR
TOTAL			**186**	**73,098**	====== 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. 2025.03.12.09:43:26 9201675 HMS I 102(A)-3a A4(210x297)