Contract No.	Z240600847
Customer	HYUNDAI CORPORATION
PO No.	F240600079
L/C No.	L0696240600510
Commodity	**H-BEAM**
Specification	**ASTM A572 G50/A992/CSA G40.21-13 50WM(345WM)**

INSPECTION CERTIFICATE

EN 10204(2004) TYPE 3.1

ORIGINAL

HYUNDAI STEEL

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Factory	63, Jungbong-Daero, Dong-gu, Incheon, S. Korea
Certificate No.	IH20240700277-1
Class certificate No.	
Issue date	2024-09-25

Dimensions	Length	Heat No.	Quantity (PCS)	Weight (kg)	Chemical Composition C	Si	Mn	P	S	Cu	Ni	Mo	Cr	Al	V	Nb	N	CE(1)				Tensile Test Tensile Strength	Yield Strength	Elongation (2)	Yield Ratio (3)	BEND TEST	Impact Test(L) V-Notch ℃ AVG	1	2	3	Remarks (Impact Specimen Size)	Country of Melt and Pour
					×100			×1000		×100				×1000			×10000	×100				N/mm2		%	-	-	-					
12X4X22	12.00 M	D 182660	30	11,790	16	17	61	28	10	24	11	2	19	3	2	15	106	33				547 550	426 436	25.4 24.9	0.779 0.793							KOR
TOTAL			**30**	**11,790**	====== 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.

지태훈

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.

2024.09.25.15:34:51 9201675 HMS I 102(A)-3a A4(210x297)

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