Contract No.	Z240204399
Customer	HYUNDAI CORPORATION
PO No.	F240300001
L/C No.	L0696240600491
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.	IH20240400405-1
Class certificate No.	
Issue date	2024-07-01

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		%	-	-	-					
8X8X31	6.00 M	D 181359	4	1,108	17	18	63	26	3	25	11	2	22	4	2	16	113	35	552 555	415 412	23.9 24.7	0.752 0.743							KOR
8X8X31	6.00 M	D 181626	36	9,972	10	17	81	24	6	26	10	3	13	4	2	17	115	29	497 504	376 376	27.5 26.8	0.757 0.747							KOR
8X8X31	12.00 M	D 181626	18	9,954	10	17	81	24	6	26	10	3	13	4	2	17	115	29	497 504	376 376	27.5 26.8	0.757 0.747							KOR
TOTAL			**58**	**21,034**	====== 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.

지태원

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.

2024.07.01.10:08:44 9201675 HMS I 102(A)-3a A4(210x297)

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