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

HYUNDAI STEEL

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Factory	63, Jungbong-Daero, Dong-gu, Incheon, S. Korea
Certificate No.	IH20240600112-1
Class certificate No.	
Issue date	2024-07-01

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		%	-	-	-					
8X6-1/2X24	12.00 M	D 182474	8	3,432	16	16	60	24	4	26	9	2	21	3	2	14	122	33					549 542	391 382	24.0 25.0	0.713 0.705								KOR
8X6-1/2X24	12.00 M	D 182475	16	6,864	17	14	61	25	5	27	10	2	17	2	2	15	129	33					545 545	402 391	24.0 24.5	0.738 0.718								KOR
12X6-1/2X26	12.00 M	D 182461	24	11,136	18	14	60	23	4	28	10	3	15	3	1	15	141	34					527 541	393 391	25.7 25.5	0.746 0.723								KOR
TOTAL			**48**	**21,432**	====== 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.

2024.07.01.10:38:15 9201675 HMS I 102(A)-3a A4(210x297)

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