ORIGINAL

Contract No.	Z240805352
Customer	HYUNDAI CORPORATION
PO No.	F240800407
L/C No.	L05D9241000079
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.	IH20241000060-1
Class certificate No.	
Issue date	2024-10-22

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		%	-	-	-					
14X6-3/4X30	12.00 M	D 183827	32	17,152	16	15	61	24	7	21	9	2	24	3	2	16	97	33	538 542	393 396	24.0 25.4	0.731 0.731							KOR
16X7X40	12.00 M	D 183845	14	9,996	9	14	93	21	13	27	10	2	17	2	3	16	94	31	503 495	361 362	28.2 26.6	0.718 0.732							KOR
TOTAL			**46**	**27,148**	====== 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.

2024.10.22.13:14:19 9201675 HMS I 102(A)-3a A4(210x297)

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