

Contract No.	Z240605625
Customer	HYUNDAI CORPORATION
PO No.	F240600397
L/C No.	L05D9240800136
Commodity	H-BEAM
Specification	ASTM A572 G50/A992/CSA G40.21-13 50MM(345MM)

**INSPECTION CERTIFICATE**  
**EN 10204(2004) TYPE 3.1**

ORIGINAL

**HYUNDAI STEEL**

WWW.HYUNDAI-STEEL.COM PAGE: [1/1]

Factory	63, Jungbong-Daero, Dong-gu, Incheon, S. Korea
Certificate No.	IH20240700288-1
Class certificate No.	
Issue date	2024-09-26

Dimensions	Length	Heat No.	Quantity (PCS)	Weight (kg)	Chemical Composition														Tensile Test			Yield Ratio (%)	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 <sub>T</sub>	Tensile Strength	Yield Strength	Elongation (%)			V-Notch			°C						
					x100		x1000		x100			x1000		x1000	x100	N/mm2	%	-	-	AVG	1			2	3								
8X8X31	12.00 M	D 182736	18	9,954	17	17	63	25	4	27	10	2	16	4	2	17	113	34	529	393	25.5	0.743											KOR
8X8X40	12.00 M	D 182749	15	10,710	10	17	82	23	4	19	8	2	17	3	2	16	120	29	510	370	26.1	0.726											KOR
12X8X40	12.00 M	D 182738	16	11,424	16	19	61	18	4	23	9	2	12	4	2	17	110	31	524	373	24.7	0.712											KOR
<b>TOTAL</b>			<b>49</b>	<b>32,088</b>																													

===== 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.**

기혁윤

General Manager of Q.A Team

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