

Contract No.	Z240304108
Customer	HYUNDAI CORPORATION
PO No.	F240300299
L/C No.	L0696240600491
Commodity	H-BEAM
Specification	ASTM A572 G50/A992/CSA G4021-13 50WM(345WM)

INSPECTION CERTIFICATE
EN 10204(2004) TYPE 3.1

 	
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Factory	63, Jungbong-Daero, Dong-gu, Incheon, S. Korea
Certificate No.	IH20240500324-1
Class certificate No.	
Issue date	2024-07-01

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(1)	Tensile Strength	Yield Strength	Elongation (2)			V-Notch			°C						
					x100		x1000		x100			x1000		x10000	x100	N/mm2	%	-	-	AVG	1			2	3								
8X4X15	12.00 M	D 175911	1	268	16	14	62	28	5	25	9	2	15	3	2	16	87	32	533	438	24.0	0.822											KOR
8X4X15	12.00 M	D 181219	24	6,432	17	15	63	24	4	23	9	2	12	4	2	18	154	32	547	429	23.6	0.785											KOR
TOTAL			25	6,700																													

(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.

기태훈

General Manager of QA Team

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