

Contract No.	Z240204399
Customer	HYUNDAI CORPORATION
PO No.	F240300001
L/C No.	L0696240600491
Commodity	H-BEAM
Specification	ASTM A572 G50/A992/CSA G4021-13 50MM(345MM)

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

 	
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Factory	63, Jungbong-Daero, Dong-gu, Incheon, S. Korea
Certificate No.	IH20240400406-1
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 <sub>m</sub>	Tensile Strength	Yield Strength	Elongation (%)	V-Notch	°C								
					x100			x1000			x100			x1000			<1000	<100	N/mm <sup>2</sup>		%	AVG	1			2	3				
10X10X49	12.00 M	E 242004	12	10,500	17	15	64	19	13	15	12	2	16	2	16	1	82	33	498	361	28.2	0.725									KOR
<b>TOTAL</b>			<b>12</b>	<b>10,500</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.**

  
General Manager of Q.A Team

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