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ORIGINAL



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Contract No.	Z240405875
Customer	HYUNDAI CORPORATION
PO No.	F240400480
L/C No.	L0696240600527
Commodity	H-BEAM
Specification	ASTM A572 G50/A992/CSA G40.21-13 50WM(345WM)

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

Factory	63, Jungbong-Daero, Dong-gu, Incheon, S. Korea
Certificate No.	IH20240500326-1
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		x1000	x100	N/mm2		%	-	-	-			-						
8X5-1/4X18	12.00 M	D 180448	32	10,272	17	15	60	25	3	26	10	2	10	4	1	16	92	32	542	406	24.5	0.750								KOR
<b>TOTAL</b>			<b>32</b>	<b>10,272</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 QA Team

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