

ORIGINAL



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INSPECTION CERTIFICATE
EN 10204(2004) TYPE 3.1

Contract No.	Z240805352
Customer	HYUNDAI CORPORATION
PO No.	F240800407
L/C No.	L05D9241000079
Commodity	H-BEAM
Specification	ASTM A572 G50/A992/CSA G4021-13 50MM(345MM)

Factory	63, Jungbong-Daero, Dong-gu, Incheon, S. Korea
Certificate No.	IH20241000058-1
Class certificate No.	
Issue date	2024-10-22

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 (%)			V-Notch	°C						
					x100			x1000		x100			x1000			x10000	x100	N/mm2	%	-	-			AVG	1	2	3				
10X4X15	12.00 M	D 182658	2	536	15	16	62	29	9	26	9	2	26	3	3	17	110	33	554	426	24.0	0.769									KOR
TOTAL			2	536																											

===== 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.

기태원

General Manager of Q.A Team

※ 현대제철은 검사증명서를 사본으로 제출하지 않습니다. 사본일 경우, 현대제철 각 영업소로 확인하시기 바랍니다. 문의)02-772-2125

Contract No.	Z240805352
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Commodity	H-BEAM
Specification	ASTM A572 G50/A992/CSA G40.21-13 50WM(345WM)

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		Factory	63, Jungbong-Daero, Dong-gu, Incheon, S. Korea
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Issue date	2024-10-22		

Dimensions	Length	Heat No.	Quantity (PCS)	Weight (kg)	Chemical Composition														Tensile Test			Yield Ratio (3)	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			
8X5-1/4X18	12.00 M	D 183741	32	10,272	17	16	60	28	5	33	9	2	17	3	2	15	98	34	543	417	24.9	0.768							KOR
12X8X40	12.00 M	D 183701	17	12,138	16	18	59	30	4	26	12	2	13	3	1	14	99	31	528	371	23.6	0.703							KOR
TOTAL			49	22,410																									

(1) Ceq: (CE=C+(Cr+V+Mo)/5+(Cu+Ni)/15+Mn/6)
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기태윤

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.

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HMS I 102(A)-3a A4(210x297)

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					x100		x1000		x100			x1000			x1000	x100	N/mm2	%	-	-	AVG			1	2	3				
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