

4500956916

## INSPECTION CERTIFICATE

### EN 10204(2004) TYPE 3.1



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

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)

Factory	63, Jungbong-Daero, Dong-gu, Incheon, S. Korea
Certificate No.	IH20240700285-1
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>eq</sub>	Tensile Strength	Yield Strength	Elongation (%)			V-Notch		°C							
					x100		x1000		x100			x1000		x1000	x100	N/mm2	%	-	-	AVG	1			2	3								
8X6-1/2X24	12.00 M	D 182823	28	12,012	16	15	60	29	5	30	10	2	22	3	2	14	106	34	549	388	26.2	0.707											KOR
<b>TOTAL</b>				<b>28</b>	<b>12,012</b>															<b>===== END =====</b>													

(1) Ce<sub>q</sub>: (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 Q.A Team

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

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 50WM(345WM)

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



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

Factory	63, Jungbong-Daero, Dong-gu, Incheon, S. Korea
Certificate No.	IH20240700286-1
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				
10X4X15	12.00 M	D 182658	40	10,720	15	16	62	29	9	26	9	2	26	3	3	17	110	33	554	426	24.0	0.769							KOR
<b>TOTAL</b>				<b>40</b>	<b>10,720</b>																								

(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 Q.A Team

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









































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**

 WWW.HYUNDAI-STEEL.COM PAGE: [ 1 / 1 ]	
Factory	63, Jungbong-Daero, Dong-gu, Incheon, S. Korea
Certificate No.	IH20240800431-1
Class certificate No.	
Issue date	2024-09-26

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								
12X6-1/2X26	12.00 M	D 183128	24	11,136	15	14	61	21	5	25	9	2	14	4	3	15	110	31	536	401	24.7	0.749											KOR
<b>TOTAL</b>			<b>24</b>	<b>11,136</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

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

