

Contract No.	Z250404858
Customer	HYUNDAI CORPORATION
PO No.	F250400295
L/C No.	
Commodity	hot rolled H-Beam for building constructions or civil engineering
Specification	EN10025-1, 2 S275JR + AR

INSPECTION CERTIFICATE

EN 10204(2004) TYPE 3.1

 	
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Factory	63, Jungbong-Daero, Dong-gu, Incheon, S. Korea
Certificate No.	IH20250600381-1
Class certificate No.	
Issue date	2025-07-16

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	20	°C						
					x100		x1000		x100			x1000		x10000	x100	MPa	%	-	-	Joule												
HE 260 B	12.00 M	E 249154	16	17,856	17	15	33	17	8	19	9	2	14	3	1	1	109	28				507	340	31.1			82	86	77	84	10x10mm	KOR
TOTAL				16	17,856	===== E N D =====																										

(1) Ceq: $(CE=C+(Cr+V+Mo)/5+(Cu+Ni)/15+Mn/6)$
(2) Gauge length : L = 5.65 \sqrt{A}

Note
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


0035 0038
0035-CPR-060001 /CPR/SEO2214200
BC1-TRSG-210006

APPENDIX: SPECIFICATION

INSPECTION CERTIFICATE

EN 10204(2004) TYPE 3.1



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Factory	63, Jungbong-Daero, Dong-gu, Incheon, S. Korea
Certificate No.	IH20250600381-2

Specification	EN10025-1, 2 S275JR + AR
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THICKNESS (FLANGE)	Chemical Composition															Tensile Test			Impact Test(L) (2)(3)	
		C	Si	Mn	P	S	Cu	Ni	Mo	Cr	Al	V	Nb	N ₍₁₎	CEQ	Tensile Strength	Yield Strength	Elongation	V-Notch 20 °C	
	(mm)	x100			x1000		x100				x1000			x10000	x100	MPa		%	Joule	
0 ≤ t ≤ 16	MIN	0	-	0	0	0	0	-	-	-	-	-	-	0	0	410	275	23	27	
	MAX	21	-	150	35	35	55	-	-	-	-	-	-	120	40	560	-	-	-	
16 < t ≤ 40	MIN	0	-	0	0	0	0	-	-	-	-	-	-	0	0	410	265	23	27	
	MAX	21	-	150	35	35	55	-	-	-	-	-	-	120	40	560	-	-	-	
40 < t ≤ 63	MIN	0	-	0	0	0	0	-	-	-	-	-	-	0	0	410	255	22	27	
	MAX	21	-	150	35	35	55	-	-	-	-	-	-	120	42	560	-	-	-	
63 < t ≤ 80	MIN	0	-	0	0	0	0	-	-	-	-	-	-	0	0	410	245	21	27	
	MAX	21	-	150	35	35	55	-	-	-	-	-	-	120	42	560	-	-	-	

(1) The max. value for nitrogen does not apply if the chemical composition shows a minimum total Al content of 0.020% or alternatively min. 0.015% acid soluble Al or if sufficient other N binding elements (V, Nb, Ti) are present.
 (2) Impact tests shall not be required for nominal thickness < 6mm.
 (3) Impact properties of quality JR products are verified only when specified at the time of the order.