

Contract No.	Z250404858
Customer	HYUNDAI CORPORATION
PO No.	F250400295
L/C No.	
Commodity	H-BEAM
Specification	ASTM A572 G50/A992/CSA G4021-13 50WM(345WM)

INSPECTION CERTIFICATE

EN 10204(2004) TYPE 3.1

 	
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Factory	63, Jungbong-Daero, Dong-gu, Incheon, S. Korea
Certificate No.	IH20250600378-1
Class certificate No.	
Issue date	2025-07-16

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	Sn	B	CE(1)	Tensile Strength	Yield Strength			Elongation (2)	V-Notch		°C					
					×100		×1000		×100			×1000			×10000	×100	N/mm2		%	-	-			AVG	1	2	3					
8X5-1/4X18	12.00 M	D 186660	82	26,322	16	15	62	20	6	23	9	2	14	3	2	16	10	3	32			538 535	436 435	26.7 24.6	0.811 0.814							KOR
8X8X31	12.00 M	D 186599	29	16,037	16	16	68	23	12	29	11	2	19	3	3	17	12	4	34			535 530	401 400	25.3 27.7	0.750 0.755							KOR
8X8X31	12.00 M	D 186600	42	23,226	16	15	64	22	6	27	13	3	24	3	3	16	11	4	35			523 525	394 397	27.1 26.7	0.754 0.757							KOR
8X8X40	12.00 M	D 186603	30	21,420	16	15	63	22	9	24	11	3	19	3	2	16	11	4	33			530 535	384 385	27.8 24.3	0.725 0.720							KOR
10X5-3/4X22	12.00 M	D 186733	70	27,510	16	17	60	26	7	27	11	2	16	3	2	16	11	4	32			540 538	424 425	22.8 23.1	0.786 0.790							KOR
10X5-3/4X26	12.00 M	D 186259	10	4,640	15	18	60	30	10	22	9	2	25	3	2	15	13	4	33			538 541	433 425	24.0 24.8	0.805 0.786							KOR
10X5-3/4X26	12.00 M	D 186735	37	17,168	17	17	60	30	10	29	10	2	20	3	2	16	13	4	34			553 550	428 434	23.1 26.2	0.774 0.790							KOR
10X5-3/4X30	12.00 M	D 186663	20	10,720	17	14	60	23	2	22	8	2	25	3	2	15	10	3	34			539 544	411 419	27.5 26.3	0.763 0.771							KOR
10X8X39	12.00 M	D 186618	36	25,056	18	14	60	25	10	27	10	2	17	1	1	15	13	3	34			529 532	391 406	22.4 24.0	0.740 0.764							KOR
TOTAL			356	172,099															===== E N D =====													

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