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

HYUNDAI STEEL

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Factory	63, Jungbong-Daero, Dong-gu, Incheon, S. Korea
Certificate No.	IH20240800430-1
Class certificate No.	
Issue date	2024-09-26

Dimensions	Length	Heat No.	Quantity (PCS)	Weight (kg)	Chemical Composition C	Si	Mn	P	S	Cu	Ni	Mo	Cr	Al	V	Nb	N	CE(1)	Tensile Test Tensile Strength	Yield Strength	Elongation (2)	Yield Ratio (3)	BEND TEST	Impact Test(L) V-Notch AVG	1	2	3 ℃	Remarks (Impact Specimen Size)	Country of Melt and Pour
					×100			×1000		×100				×1000			×10000	×100	N/mm2		%	-	-	-					
10X5-3/4X22	12.00 M	D 183009	40	15,720	17	18	61	29	7	26	10	2	20	3	2	18	100	34	548 539	443 430	23.9 24.8	0.809 0.798							KOR
10X5-3/4X26	12.00 M	D 178197	3	1,392	10	19	120	11	7	22	8	1	5	35	41	3	102	34	529 536	403 394	28.4 28.9	0.762 0.736							KOR
10X5-3/4X26	12.00 M	D 183005	35	16,240	13	14	84	27	6	26	13	3	19	3	3	18	126	34	534 537	413 419	25.3 24.7	0.774 0.781							KOR
10X5-3/4X30	6.00 M	D 183009	42	11,256	17	18	61	29	7	26	10	2	20	3	2	18	100	34	552 545	413 409	23.4 23.0	0.749 0.751							KOR
TOTAL			**120**	**44,608**	====== 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.

지태웅

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.

2024.09.26.09:35:18 9201675 HMS I 102(A)-3a A4(210x297)

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