

Date: 1/5/2024 To: SENTRY SUPPLY dba SO#: A799700 Ln#: 1 PO#: PO246360-1 Part: W1402250* Qty: 2 Heat#: D171821* Tag: B07010524

Contract No.	
Customer	
PO No.	SSW125711
L/C No.	
Commodity	H-BEAM
Specification	ASTM A572 G50/A592/CSA G40.21-13 50MM(345MM)

INSPECTION CERTIFICATE
EN 10204(2004) TYPE 3.1



Factory	63, Jungbong-Daero, Dong-gu, Incheon, S. Korea
Certificate No.	IH20220406340-17
Class certificate No.	
Issue date	2022-04-22

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Dimensions	Length	Heat No.	Quantity (PCS)	Weight (kg)	Chemical Composition											Tensile Test			Impact Test(L)			Remarks (Impact Specimen Size)					
					x100											Yield Strength N/mm ²	Elongation %	Yield Ratio	V-Notch								
					C	Si	Mn	P	S	Cu	Ni	Mo	Cr	Al	V				Nb	N	CE _T		AVG	1	2	3	
12X12X72	50.00 FT	E 230020	5	8,160	18	16	100	20	9	20	9	2	10	2	14	1	81	39	28.0	28.5	0.709						
12X12X72	50.00 FT	E 230021	1	1,632	19	15	99	21	9	18	9	2	10	3	14	3	83	40	28.0	27.5	0.713						
14X5X22	35.00 FT	D 171821	40	13,960	16	14	61	22	6	25	13	2	21	2	2	15	113	33	24.0	24.2	0.739						
14X5X22	35.00 FT	D 171823	5	1,745	16	15	60	23	5	26	10	2	14	2	1	15	113	32	23.8	23.8	0.782						
14X5X22	35.00 FT	D 171824	30	10,470	17	18	61	26	6	24	9	2	13	2	1	15	120	32	24.4	25.0	0.779						
14X5X22	45.00 FT	D 171818	1	449	11	13	84	24	6	23	10	2	16	2	2	16	106	31	26.0	25.5	0.782						
14X5X22	45.00 FT	D 171819	45	20,205	10	13	81	23	7	23	9	2	14	2	1	15	109	29	26.0	26.5	0.788						
14X5X22	50.00 FT	D 171820	30	14,970	18	15	63	28	5	27	9	2	18	2	2	17	116	35	24.7	24.0	0.784						
14X5X22	55.00 FT	D 171818	5	2,745	11	13	84	24	6	23	10	2	16	2	2	16	106	31	26.0	25.5	0.769						
14X5X22	55.00 FT	D 171832	45	24,705	16	15	63	13	6	26	13	3	17	2	2	17	107	33	26.0	26.0	0.774						
SUB TOTAL			207	99,041																							

Note
Melted and Poured in Republic of Korea
(1) Ce_T (CE=C+(Cr+V+Mo)/5+(Cu+Ni)/15+Mn/6)
(2) Gauge length : 200 mm
(3) Y.R = Y.S/T.S

J. E. Hwang
General Manager of Q.A Team

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.