


Date: 7/21/2023 To: SENTRY SUPPLY dba SO#: A773978 Ln#: 1 PO#: P0242910-06 Part: W1406840* Qty: 2 Heat#: e230253* Tag: C02071923



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 63, Jungbong-Daero, Dong-gu, Incheon, S. Korea
 Certificate No. IH20220406340-23
 Class certificate No.
 Issue date 2022-04-22

INSPECTION CERTIFICATE
 EN 10204(2004) TYPE 3.1

Contract No.	
PO No.	SSW125711
L/C No.	
Commodity	H-BEAM
Specification	ASTM A572 G50/A592/CSA G4021-13 50MM(245MM)

Dimensions	Length	Heat No.	Quantity (PCS)	Weight (kg)	Chemical Composition											Yield Ratio (%)	BEND TEST	Impact Test(L)			Remarks (Impact Specimen Size)			
					x100													Tensile Test N/mm ²	V-Notch AVG	°C				
					C	Si	Mn	P	S	Cu	Ni	Mo	Cr	Al	V					Nb		N	CE _m	1
14X10X68	35.00 FT	E 230250	3	3,240	18	16	94	25	8	22	10	2	13	2	15	1	108	39	25.0	0.742				
14X10X68	35.00 FT	E 230251	5	5,400	18	18	99	27	14	22	8	2	13	3	15	1	104	40	25.5	0.726				
14X10X68	35.00 FT	E 230252	6	6,480	19	13	95	23	11	23	8	2	15	2	15	1	113	41	25.0	0.729				
14X10X68	40.00 FT	E 230252	2	2,468	19	13	95	23	11	23	8	2	15	2	15	1	113	41	24.8	0.734				
14X10X68	40.00 FT	E 230253	12	14,808	18	17	99	20	9	20	7	2	11	3	16	1	113	38	25.3	0.722				
14X10X68	50.00 FT	E 230250	2	3,084	18	16	94	25	8	22	10	2	13	2	15	1	108	39	25.7	0.713				
14X10X68	50.00 FT	E 230251	6	9,252	18	18	99	27	14	22	8	2	13	3	15	1	104	40	25.0	0.742				
14X10X68	50.00 FT	E 230252	4	6,168	19	13	95	23	11	23	8	2	15	2	15	1	113	41	25.0	0.729				
14X10X68	50.00 FT	E 230253	1	1,542	18	17	93	20	9	20	7	2	11	3	16	1	113	38	25.3	0.722				
14X10X68	55.00 FT	E 230251	4	6,788	18	18	99	27	14	22	8	2	13	3	15	1	104	40	25.0	0.732				
SUB TOTAL			45	59,230																				

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

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

This test report can be verified the authenticity to scan the top-right QR code via 'Qreal' mobile app. 2022.05.19.18:07:51