

Date: 3/18/2023 To: SENTRY SUPPLY dba SO#: A755626 Ln#: 1 PO#: 240157 Part: W1402640* Qty: 4 Heat#: d173671*
 Tag: B10031723



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 Factory: 63, Jungbong-Daero, Dong-gu, Incheon, S. Korea
 Certificate No. IH20220605147-21
 Class certificate No.
 Issue date: 2022-07-13

INSPECTION CERTIFICATE
 EN 10204(2004) TYPE 3.1

Contract No.	
Customer	SERVICE STEEL
PO No.	SSW127259
L/C No.	
Commodity	H-BEAM
Specification	ASTM A572 GR50/A992/CSA G40.21-13 50MM(34MM)

Dimensions	Length	Heat No.	Quantity (PCS)	Weight (kg)	Chemical Composition													Tensile Test			Impact Test(L)			Remarks (Impact Specimen Size)									
																		Yield Ratio	BEND TEST	V-Notch													
					C	Si	Mn	P	S	Cu	Ni	Mo	Cr	Al	V	Nb	N			CE _T	Tensile Strength	Yield Strength	Elongation		AVG	1	2	3					
x100	x100	x1000	x1000	x1000	x100	x100	x100	x100	x1000	x1000	x1000	x1000	x1000	x1000	%	%	%																
14X5X22	55.00 FT	D 173688	5	2,745	17	16	62	21	6	22	9	2	14	2	1	16	114	33	560	444	24.2							0.793					
14X5X22	60.00 FT	D 173684	5	2,995	17	13	64	23	8	21	9	2	24	2	1	16	134	35	563	433	25.0							0.770					
14X5X22	60.00 FT	D 173685	50	29,950	16	14	61	19	5	21	9	2	20	2	1	16	105	33	546	405	25.5							0.742					
14X5X22	60.00 FT	D 173686	5	2,995	17	14	63	18	7	23	9	2	15	2	1	16	122	33	553	437	24.8							0.791					
14X5X26	40.00 FT	D 173670	11	5,192	18	13	62	25	5	24	11	4	26	3	2	17	123	37	568	429	25.0							0.756					
14X5X26	40.00 FT	D 173671	20	9,440	16	13	61	26	5	27	13	3	17	2	2	17	118	33	551	418	25.4							0.759					
14X5X26	60.00 FT	D 173670	7	4,949	18	13	62	25	5	24	11	4	26	3	2	17	123	37	557	430	24.8							0.772					
14X5X26	60.00 FT	D 173671	15	10,605	16	13	61	26	5	27	13	3	17	2	2	17	118	33	568	429	25.0							0.756					
14X6-3/4X30	40.00 FT	D 173279	20	10,880	17	14	61	26	5	25	8	2	14	3	2	14	110	33	538	410	25.0							0.763					
14X6-3/4X30	45.00 FT	D 173534	16	9,792	16	14	60	18	6	26	11	4	14	2	1	15	123	32	542	391	25.5							0.722					
SUB TOTAL			154	89,543																													

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

J. E. Han

General Manager of Q.A Team
 HMS 1102(A)-3e A4(210x297)

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.

This test report can be verified the authenticity to scan the top-right QR code via "Qreal" mobile app. 2022.07.29.16:22:48