

Contract No.	
Customer	DUFERCO
L/C No.	
P/O No.	32201411C321
Commodity	H-BEAM
Specification	ASTM A572 G50/A992/ CSA 350W

MILL TEST CERTIFICATE



Head Office	63, Jungbong-daero, Dong-gu, Incheon, 401-712, S. Korea
Certificate No.	IH20141103208 - 14
Class Cert. No.	
Date of Issue	2014-11-17

Dimensions & Length	Heat No.	Pieces Weights (kg)	Chemical Composition (%)											Tensile Test			Impact Test (V-notch)				Remarks (Impact Specimen Size)	
			C	Si	Mn	P	S	Cu Ni	Mo Cr	Al V	Nb	Sn	CE ⁽¹⁾	Tensile Strength	Yield point	Elongation ⁽²⁾	Yield Ratio	AVG	1	2		3
			×100			×1000		×100		×1000			×100	N/mm ²		%		()	C			
24X7X55 40.00 FT	E 177928	5 4,990	16	16	56	24	5	29 8	2 11	6 14	5	16	31	524 527	411 413	24.0 25.0	0.78 0.78					
24X7X55 40.00 FT	E 177929	9 8,982	17	14	51	30	5	30 8	3 16	5 14	5	13	32	516 518	390 391	25.0 24.5	0.76 0.76					
24X7X62 40.00 FT	E 177128	4 4,500	19	16	66	19	8	24 8	1 8	8 18	4	12	34	517 516	386 388	25.0 24.5	0.75 0.75					
24X7X62 40.00 FT	E 177808	2 2,250	16	13	58	18	5	24 8	3 8	5 13	4	12	30	502 506	380 381	27.0 26.0	0.76 0.75					
24X7X62 40.00 FT	E 177864	3 3,375	16	14	56	24	8	31 8	2 11	4 13	4	13	31	502 506	375 376	27.5 27.0	0.76 0.74					
24X7X62 40.00 FT	E 177918	3 3,375	15	13	58	26	6	28 9	3 14	5 18	5	11	31	502 506	387 383	27.0 26.5	0.77 0.76					
24X7X62 40.00 FT	E 177919	3 3,375	17	12	57	29	7	25 9	2 13	4 15	5	10	32	510 509	388 385	26.0 25.0	0.76 0.76					
24X7X62 40.00 FT	E 177920	1 1,125	16	13	54	25	7	29 9	2 11	4 13	5	11	30	508 510	382 384	25.0 25.5	0.75 0.75					
24X12-3/4X104 40.00 FT	N 025893	2 3,774	19	16	67	23	10	22 8	3 12	5 13	4	11	36	533 535	395 396	26.0 25.5	0.74 0.74					
SUB TOTAL		32 35,746																				

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

(2) Gauge length: 200 mm

(3) Yield Ratio = YP/TS

J. C. Ahn
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

HMS I 102(A)-3a

※ QR마크 'Qreal' App을 통하여 원본 확인에 사용되는 마크입니다. (QRcode scanner App : 'Qreal')

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