

MILL TEST CERTIFICATE



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

Head Office	63, Jungbong-daero, Dong-gu, Incheon, 401-712, S. Korea
Certificate No.	IH20141103208 - 13
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		×100		N/mm ²		%		()	C		
24X9X76 40.00 FT	N 026410	2 2,758	18	17	66	22	8	26 9	2 12	6 14	4	12	34	528 513	405 379	24.0 25.5	0.77 0.74					
24X9X76 40.00 FT	N 026411	16 22,064	19	15	67	24	9	28 8	2 12	5 14	3	16	36	535 519	408 384	24.5 24.0	0.76 0.74					
24X9X76 40.00 FT	N 026412	3 4,137	19	16	66	22	9	24 8	2 11	5 14	3	13	35	537 516	406 379	25.5 26.0	0.76 0.73					
24X7X55 40.00 FT	E 177907	1 998	15	13	51	20	7	30 9	2 8	5 13	5	12	28	524 529	434 435	23.0 23.5	0.83 0.82					
24X7X55 40.00 FT	E 177921	4 3,992	16	15	51	27	9	28 8	2 13	5 16	4	12	30	557 552	440 439	24.0 23.0	0.79 0.80					
24X7X55 40.00 FT	E 177923	27 26,946	16	15	54	27	7	30 8	2 8	5 13	5	13	30	518 517	400 398	25.0 24.0	0.77 0.77					
24X7X55 40.00 FT	E 177924	6 5,988	18	14	56	25	9	31 8	2 9	4 12	4	11	32	510 507	379 377	26.0 26.0	0.74 0.74					
24X7X55 40.00 FT	E 177926	16 15,968	18	14	52	30	9	28 8	2 9	5 13	5	13	32	517 515	387 386	25.0 25.5	0.75 0.75					
24X7X55 40.00 FT	E 177927	20 19,960	18	13	51	33	8	27 8	2 12	5 12	5	15	32	545 540	412 410	24.0 23.5	0.76 0.76					
SUB TOTAL		95 102,811																				

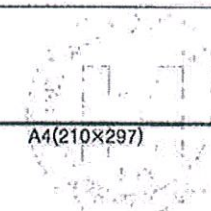
(Note) (1) Ceq: (CE=C+Mn/6+Cr/5+V/5+Mo/5+Ni/15+Cu/15)

(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 1 102(A)-3a

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

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