


Contract No.	
Customer	DUFERCO
L/C No.	
P/O No.	32201503C511
Commodity	H-BEAM
Specification	ASTM A572 G50/A992/ CSA 350W

MILL TEST CERTIFICATE

EN 10204(2004) TYPE 3.1

	
Head Office	63, Jungbong-daero, Dong-gu, Incheon, 401-712, S. Korea
Certificate No.	IH20150305391 - 2
Class Cert. No.	
Date of Issue	2015-03-30



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	Mo	Al	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				
12X6-1/2X26 40.00 FT	D 126228	8 3,776	18	14	60	13	8	27	2	4	17	19	33	503	383	25.5	0.76					
12X6-1/2X26 40.00 FT	D 126229	112 52,864	17	16	59	11	7	27	2	3	16	11	32	517	382	25.0	0.74					
12X6-1/2X26 40.00 FT	D 126230	56 26,432	17	15	62	19	8	25	2	3	17	13	33	503	369	24.0	0.73					
12X6-1/2X30 40.00 FT	D 126200	36 19,584	16	15	60	23	8	24	2	3	15	13	33	536	388	24.5	0.72					
12X6-1/2X30 40.00 FT	D 126201	42 22,848	17	16	58	18	7	28	2	3	16	12	33	536	394	25.0	0.74					
12X6-1/2X30 40.00 FT	D 126203	12 6,528	17	14	99	20	5	26	2	3	1	13	40	562	416	23.0	0.74					
12X6-1/2X30 40.00 FT	D 126204	60 32,640	17	12	64	22	9	25	2	2	17	13	34	519	408	26.5	0.79					
12X6-1/2X30 40.00 FT	D 126206	12 6,528	16	15	64	16	7	21	2	3	19	14	32	540	397	24.5	0.74					
12X6-1/2X30 40.00 FT	D 126207	36 19,584	17	14	59	17	7	24	2	3	16	25	32	526	386	24.0	0.73					
SUB TOTAL		374 190,784																				

(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

[Signature]
GENERAL MANAGER
OVERSEAS SALES TEAM

HMS 1102(A)-3a * QR마크는 "Qreal" App를 통하여 원본 확인에 사용되는 미크로칩입니다. (QRcode scanner App : "Qreal")

2013039 A4(210x297)