



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

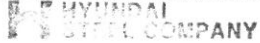
		
Head Office	63, Jungbong-daero, Dong-gu, Incheon, 401-712, S. Korea	
Certificate No.	IH20150305391 - 10	
Class Cert. No.		
Date of Issue	2015-03-30	

Dimensions & Length	Heat No.	Pieces Weights (kg)	Chemical Composition (%)											Tensile Test			Yield Ratio	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⁾		AVG	1	2		3				
			×100		×1000		×100		×1000		×100		N/mm ²		%	()		C								
16X5-1/2X26 40.00 FT	D 126190	65 30,680	18	15	65	26	8	33	2	8	10	19	3	19	13	36	519	379	26.0	0.73						
16X5-1/2X26 40.00 FT	D 126195	5 2,360	17	13	59	23	4	27	2	3	10	16	3	17	14	33	534	404	23.5	0.76						
16X5-1/2X26 40.00 FT	D 126197	35 16,520	17	17	58	26	2	33	3	3	14	18	2	15	15	34	527	400	22.5	0.76						
16X5-1/2X26 40.00 FT	D 126198	55 25,960	17	14	60	22	4	30	3	3	14	19	2	16	14	34	522	390	23.0	0.75						
16X5-1/2X26 40.00 FT	D 126199	50 23,600	17	17	59	24	5	30	3	3	13	18	2	16	17	34	533	395	23.5	0.74						
16X5-1/2X26 40.00 FT	D 126200	20 9,440	16	15	60	23	8	24	2	3	10	21	3	15	13	33	533	408	23.5	0.76						
16X5-1/2X31 40.00 FT	D 125548	7 3,934	16	14	58	19	5	27	3	5	10	11	1	15	13	31	520	384	27.0	0.74						
16X5-1/2X31 40.00 FT	D 125549	25 14,050	16	13	60	23	7	21	2	5	8	13	1	16	13	31	522	402	26.5	0.77						
16X5-1/2X31 40.00 FT	D 126186	5 2,810	23	14	59	26	9	28	2	3	12	20	2	17	15	40	517	382	27.0	0.74						
SUB TOTAL		267 129,354																								

(1) Note: (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


GENERAL MANAGER
CUSTOMER SERVICE TEAM 1

HMS I 102(A)-3a

* QR마크는 'Qreal' App를 통하여 원본 확인에 사용되는 마크입니다. (QRcode scanner App : 'Qreal')

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