



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 - 12	
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				
16X7X45 40.00 FT	D 126025	20 16,320	17	15	59	29	9	33 10	3 18	2 3	15	13	34	568 561	412 415	25.5 25.0	0.72 0.74					
16X7X45 40.00 FT	D 126029	44 35,904	16	19	109	28	17	32 10	2 20	2 26	2	22	42	555 550	432 429	24.0 24.5	0.78 0.78					
16X7X50 40.00 FT	D 125982	20 18,140	16	14	59	22	6	33 9	2 18	3 3	18	13	33	519 515	384 382	26.0 26.5	0.74 0.74					
16X7X50 40.00 FT	D 125983	58 52,606	16	14	61	21	5	34 10	3 20	3 2	17	14	34	517 524	394 398	26.0 25.0	0.76 0.76					
16X7X50 40.00 FT	D 126020	58 52,606	16	15	58	27	8	33 11	3 22	3 4	16	13	34	512 514	384 386	27.0 27.0	0.75 0.75					
16X7X50 40.00 FT	D 126021	8 7,256	16	15	62	23	9	29 9	2 17	3 3	17	14	33	524 526	390 394	26.0 26.0	0.74 0.75					
16X10-1/4X67 40.00 FT	E 181431	24 29,184	18	18	98	19	6	26 11	3 16	4 14	3	12	41	562 557	398 394	25.0 26.0	0.71 0.71					
18X11X76 40.00 FT	N 027370	1 1,379	19	16	96	26	8	26 10	3 15	3 15	15	15	41	572 566	424 421	24.0 24.5	0.74 0.74					
18X11X76 40.00 FT	N 027390	2 2,758	19	16	99	27	12	34 9	2 13	4 15	2	16	42	566 560	415 414	25.0 26.0	0.73 0.74					
SUB TOTAL		235 216,153																				

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

(2) Gauge length : 200 mm

(3) Yield Ratio = YP/TS

HYUNDAI STEEL COMPANY

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

HYUNDAI STEEL COMPANY
QUALITY CONTROL TEAM

HMS 102(A)-3a

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

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