

3421

Contract No.	
Customer	DUPERCO
L/C No.	
P/O No.	32201207CF01
Commodity	H-BEAM
Specification	ASTM A36/A572 G50/A992/ CSA350W

MILL TEST CERTIFICATE

HYUNDAI STEEL	
Head Office	1, Songhyeon-dong, Dong-gu, Incheon, 401-287 S. Korea
Certificate No.	IH20120990187 - 2
Class Cert. No.	
Date of Issue	2011-03-11

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
			x100	x1000	x100	x1000	x100	x1000	x100	x1000	x100	x1000	x100	N/mm ²	%	%	()	C				
8X8X31 40.00 FT	D 109348	1,685	20	15	61	31	15	27	2	3	15	17	36	549.2	441.3	26.0	0.80					
10X4X12 40.00 FT	D 109936	190	17	16	62	26	17	26	2	3	11	32	643.3	437.4	25.5	0.80						
10X4X12 40.00 FT	D 109937	310	16	17	62	30	20	22	3	2	17	31	536.4	416.8	24.0	0.78						
10X4X12 40.00 FT	D 109937	67,580	16	17	62	30	20	22	3	2	17	31	533.5	411.9	24.5	0.77						
10X8X33 40.00 FT	D 111655	22	16	15	60	26	19	23	3	2	16	31	433.5	408.9	25.0	0.77						
10X8X33 40.00 FT	D 111655	13,178	16	15	60	26	19	23	3	2	16	31	433.5	414.6	24.6	0.77						
10X8X33 40.00 FT	D 111651	18	16	17	61	24	16	22	3	2	18	31	407.0	410.9	24.0	0.76						
10X8X45 40.00 FT	D 109886	10,782	16	17	61	24	16	22	3	2	18	31	404.0	401.1	24.0	0.75						
12X6-1/2X26 40.00 FT	D 109558	24	16	16	62	34	15	25	9	1	14	31	401.1	399.1	24.0	0.76						
12X6-1/2X26 40.00 FT	D 109558	19,584	15	16	62	26	18	26	2	3	16	31	399.1	404.0	26.0	0.76						
12X6-1/2X26 40.00 FT	D 109560	90	17	16	61	31	19	23	1	2	11	31	518.8	384.4	26.0	0.74						
12X6-1/2X26 40.00 FT	D 109560	37,760	17	16	61	31	19	23	1	2	11	31	512.9	380.6	26.5	0.74						
12X6-1/2X26 40.00 FT	D 109561	152	16	17	60	27	14	26	2	3	16	24	31	540.3	411.9	24.5	0.76					
12X6-1/2X26 40.00 FT	D 109561	71,744	16	17	60	27	14	26	2	3	16	24	31	534.6	408.0	25.0	0.76					
SUB TOTAL		160												536.4	387.4	25.0	0.72					
		75,520												530.6	383.4	25.5	0.72					
		959																				
		339,254																				

(Note) (1) Ce: (CE=C+Mn/6+Cr/5+V/50+Mo/5+Ni/15+Cu/15) (2) Gauge length : 200 mm (3) Yield Ratio = YP/TS

K.S. Shim
General Manager of O.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 * 현대제철은 검사증명서를 사본으로 제출하지 않습니다. 사본일 경우, 현대제철 리 영업소로 확인하시기 바랍니다. 문의)02-772-2125

2010044 A4(210x297)