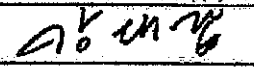


MILL TEST CERTIFICATE

Contract No.	
Customer	DUFERCO
L/C No.	
P/O No.	32201305C1P0
Commodity	H-BEAM
Specification	ASTM A572 G50/A992/ CSA 350W

HYUNDAI STEEL	
Head Office	444, Songnae-dong, Nam-gu, Pohang, S. Korea
Certificate No.	IH20130605039 - 1
Class Cert. No.	
Date of Issue	2013-07-08

Dimensions & Length	Heat No.	Places Weights (kg)	Chemical Composition (%)										Tensile Test			Impact Test (V-notch)				Remarks (Impact Specimen Size)	
			C	Si	Mn	P	S	V	Nb				Tensile Strength	Yield point	Elongation(2)	Yield Ratio	AVG	1	2		3
			x100		x1000		x1000						N/mm ²		%	()	C				
30X10-1/2X99 40.00 FT	3D7600	22 39,512	17	13	102	26	11	33	2				516.0	393.0	28.9	0.76					
30X10-1/2X99 40.00 FT	3D7601	2 3,592	18	12	101	24	11	34	3				535.0	422.0	26.5	0.79					
30X10-1/2X132 40.00 FT	3D7592	12 28,728	18	12	100	23	13	34	2				538.0	396.0	23.3	0.74					
30X10-1/2X132 40.00 FT	3D7593	6 14,364	17	14	102	24	13	31	2				541.0	391.0	24.0	0.72					
30X10-1/2X108 40.00 FT	3D7597	6 11,754	19	16	102	18	11	33	3				538.0	398.0	25.6	0.74					
30X10-1/2X108 40.00 FT	3D7598	16 31,344	17	16	101	23	11	31	2				530.0	416.0	24.4	0.77					
30X10-1/2X124 40.00 FT	3D7594	2 4,498	17	17	102	31	16	31	2				527.0	367.0	23.5	0.70					
30X10-1/2X124 40.00 FT	3D7595	17 38,233	17	18	114	35	16	33	3				525.0	362.0	24.2	0.69					
TOTAL		83 172,025											----- END -----								

<input checked="" type="checkbox"/>	(Note) (1) Req:	<input checked="" type="checkbox"/>	(2) Gauge length:	<input checked="" type="checkbox"/>	(3) Yield Ratio = YP/TS
Conditions of supply : As <input checked="" type="checkbox"/> Rolled					
 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			

HMS1-102(A)-3a * 현대제철은 검사증명서를 사본으로 제출하지 않습니다. 사본일 경우, 현대제철 각 영업소로 확인하시기 바랍니다. 문의)02-772-2125

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