

ORIGINAL

제 01/21 1 / 2

MILL TEST CERTIFICATE

Contract No.	DUFERCO
Customer	DUFERCO
L/C No.	
P/O No.	322016110511
Commodity	HOT ROLLED WIDE FLANGE BEAM
Specification	ASTM A572 (500/550) S355 G 40.21-18 (S355M40.21)

Head Office	Hyundai Steel
Head Office	35, Jangchung-dong, Dong-gu, Seoul, Korea
Certificate No.	H201 6120231 - 1
Class Cert. No.	
Date of Issue	2016-12-19



Dimensions & Length	Heat No.	Pieces	Weight (kg)	Chemical Composition (%)											Tensile Strength (N/mm ²)	Yield Strength (N/mm ²)	Elongation (%)	Yield Ratio	Impact Test (V-notch)			Remarks (Impact Specimen Size)
				C	Mn	P	S	Cu	Ni	Mo	Cr	Al	Nb	Sn					CEI	AVG	1	
40.00 FT	D 137674	72	13,032	0.18	0.14	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	
40.00 FT	D 137695	24	4,344	0.18	0.14	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	
40.00 FT	D 137698	24	4,344	0.18	0.14	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	
40.00 FT	E 193898	36	6,344	0.18	0.14	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	
40.00 FT	E 193899	20	2,000	0.18	0.14	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	
40.00 FT	E 193881	13	15,600	0.18	0.14	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	
40.00 FT	E 193882	14	12,483	0.18	0.14	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	
40.00 FT	E 193885	1	967	0.18	0.14	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	
40.00 FT	E 193885	20	19,220	0.18	0.14	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	
40.00 FT	E 193885	224	224	0.18	0.14	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	
SUB TOTAL			111,526																			

J.C. Ahn
 General Manager of Q.A. Team
 HNS 1 (2016-12-19)

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.

2016-12-21

