

# MILL TEST CERTIFICATE



Contract No.	
Customer	DUFERCO
L/C No.	
P/O No.	32201408C331
Commodity	H-BEAM
Specification	ASTM A572 G50/A992/ CSA 350W

Head Office	63, Jungbong-daero, Dong-gu, Incheon, 401-712, S. Korea
Certificate No.	IH20141000909 - 1
Class Cert. No.	
Date of Issue	2014-10-08

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 Ni	Mo Cr	Al V	Nb	Sn	CE <sup>(1)</sup>	Tensile Strength	Yield point	Elongation <sup>(2)</sup>		AVG	1	2	3	
			x100		x1000		x100		x1000		x100		N/mm <sup>2</sup>		%			( )	C			
14X14-1/2X132 40.00 FT	N 025686	8 19,152	19	18	102	26	8	23 8	1 14	6 27	4	12	42	606 600	445 440	24.0 24.0	0.73 0.73					
14X14-1/2X132 40.00 FT	N 025688	7 16,758	18	21	99	26	9	25 10	3 15	7 31	5	10	41	573 570	420 411	24.0 25.0	0.73 0.72					
14X14-1/2X132 40.00 FT	N 025689	1 2,394	18	16	100	24	11	29 8	2 15	6 25	5	10	41	573 570	425 417	24.5 25.0	0.74 0.73					
TOTAL		16 38,304	===== E N D =====																			

(Note) (1) Ceq: (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



HMS I 102(A)-3a ※ QR마크는 "Qreal" App을 통하여 원본 확인에 사용되는 마크입니다. (QRcode scanner App : 'Qreal')