MILL TEST CERTIFICATE

Contract No.	
Customer	DUFERCO
L/C No.	
P/O No.	32201411C321
Commodity	H-BEAM
Specification	ASTM A36

HYUNDAI STEEL

Head Office	63, Jungbong-daero, Dong-gu, Incheon,401-712, S. Korea
Certificate No.	IH20141103212 - 1
Class Cert. No.	
Date of Issue	2014-11-17

Dimensions & Length	Heat No.	Pieces / Weights (kg)	Chemical Composition (%) C	Si	Mn	P	S	Cu Ni	Mo Cr	Al V	Nb			Tensile Test: Tensile Strength	Yield point	Elongation(2)	Bend Test	Impact Test (V-notch) AVG	1	2	3	Remarks (Impact Specimen Size)
			×100			×1000		×100		×1000				N/mm²		%	( )	°C				
14X8X53 40.00 FT	E 178632	9 8,649	20	13	64	14	6	27 8	2 9	6 14	2			485 489	336 337	28.0 27.5						
TOTAL		9 8,649	===== END =====																			

(Note) (1) Ceq: (2) Gauge length : 200 mm

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

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