

39464

Contract No.	
Customer	DUFERCO
PO No.	32201706CX2P
L/C No.	
Commodity	H-BEAM
Specification	ASTM A572 G50/A992/CSA G40.21-13 50WM34SMM

**INSPECTION CERTIFICATE**  
EN 10204(2004) TYPE 3.1

<b>HYUNDAI STEEL</b>		PAGE: 1 / 1
Factory	6363,Donghaean-ro,Nam-gu,Pohang-si,Gyeongsangbuk-do,S.Korea	
Certificate No.	IH20170706698-1	
Class certificate No.		
Issue date	2017-08-07	



Dimensions	Length	Heat No.	Quantity (PCS)	Weight (kg)	Chemical Composition															Tensile Test			Yield Ratio	BEND TEST	Impact Test(I)				Remarks (Impact Specimen Size)
					C	Si	Mn	P	S	Cu	Ni	Mo	Cr	Al	V	Nb	Sn	CEq	Tensile Strength	Yield Strength	Elongation %	V-Notch			°C				
					x100		x1000		x100		x1000		x100	N/mm2	%	%	AVG	1	2	3									
30X10-1/2X90	40.00 FT	3G6993	7	11,438	17	15	103	17	6	22	8	2	12	3	30	1	12	40	543	434	27.5	0.79							
30X10-1/2X90	40.00 FT	3G6994	23	37,582	18	14	102	17	11	23	8	2	10	3	29	2	9	40	546	434	25.5	0.79							
30X10-1/2X90	40.00 FT	3G6995	10	16,340	17	14	99	18	9	22	8	2	12	3	29	2	10	39	550	438	25.0	0.79							
																			546	432	25.3	0.79							
																			551	437	24.8	0.79							
<b>TOTAL</b>			<b>40</b>	<b>65,360</b>																									

\*\*\*\*\* END \*\*\*\*\*

Conditions of supply : As Rolled  
 (1) Ceq: (CE=C+Mn/6+Cr/5+V/5+Mo/5+Ni/15+Cu/15)  
 (2) Gauge length : 200 mm  
 (3) Y.R = Y.S/T.S

Note

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.

*Handwritten Signature*  
General Manager of Q.A Team