Contract No.	SPS20180305-HJ1
Customer	
PO No.	32201803C211
L/C No.	
Commodity	**WIDE FLANGE BEAM**
Specification	HOT ROLLED WIDE FLANGE BEAM ASTM A572 G50/A992/CSA G 40.21-13 50WM(345WM) PARA MATERIAL DE VIGA

INSPECTION CERTIFICATE

EN 10204(2004) TYPE 3.1

HYUNDAI STEEL

Factory	63, Jungbong-Daero, Dong-gu, Incheon, S. Korea
Certificate No.	IH20180602922-2
Class certificate No.	
Issue date	May. 31, 2018

Dimensions	Length	Heat No.	Quantity (PCS)	Weight (kg)	Chemical Composition																		Tensile Test			Yield Ratio(3)	BEND TEST	Impact Test(L) V-Notch °C				Remarks (Impact Specimen Size)
					C	Si	Mn	P	S	Cu	Ni	Mo	Cr	Al	V	Nb	Sn	CE(1)					Tensile Strength	Yield Strength	Elongation (2)			AVG	1	2	3	
						×100		×1000			×100				×1000			×100					N/mm2		%	-	-	-				
27X10X102	40.00 FT	N 043295	1	1,851	18	14	98	25	12	28	10	2	20	3	16	4	12	42					568 563	409 403	26.0 25.5	0.721 0.716						
TOTAL			54	107,112	====== E N D ======																											

(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.

General Manager of Q.A Team

This test report can be verified the authenticity to scan the top-right QR code via 'Qreal" mobile app.