


Contract No.	
Customer	PLESA ANAHUAC Y CIAS, S.A. DE C.V.
PO No.	32201610C331
L/C No.	
Commodity	PRIME NEWILLY PRODUCED WIDE FLANGE BEAM.
Specification	ASTM A572 G50/A992/CSA G4021-13 50MM(345MM)

MILL TEST CERTIFICATE
EN 10204(2004) TYPE 3.1

		Factory	63, Jungbong-Daero, Dong-gu, Incheon, S. Korea
		Certificate No.	IH20170103440-1
Class certificate No.			
Issue date		2017-01-14	
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Dimensions	Length	Heat No.	Quantity (PCS)	Weight (kg)	Chemical Composition													Tensile Test			Impact Test(I)			Remarks (Impact Specimen Size)			
					C	SI	Mn	P	S	Cu	NI	Mo	Cr	Al	V	Nb	Sn	CE _T	Tensile Strength	Yield Strength	Elongation	BEND TEST	V-Notch		°C		
					x100			x1000			x100			x1000			x100	N/mm ²	N/mm ²	%	Ratio	1	2		3		
12X4X16	40.00 FT	D 138019	40	11,600	16	16	58	26	6	27	10	2	17	3	2	15	12	32	546	437	24.0	0.80					
12X4X16	40.00 FT	D 138020	70	20,300	17	17	58	25	7	26	10	3	16	3	3	16	13	33	541	430	23.5	0.80					
12X4X16	40.00 FT	D 138021	30	8,700	20	13	60	25	4	30	10	3	20	3	3	14	14	37	566	436	23.0	0.77					
12X4X16	40.00 FT	D 138022	4	1,160	18	15	61	27	5	27	9	2	23	3	3	16	12	36	562	431	23.5	0.77					
12X4X19	40.00 FT	D 138023	20	6,900	18	16	61	22	4	30	10	2	20	4	3	16	12	35	537	435	24.5	0.81					
12X4X19	40.00 FT	D 138024	60	20,700	17	13	57	27	5	31	10	2	20	3	3	15	18	34	532	405	26.0	0.76					
12X4X19	40.00 FT	D 138025	7	2,415	16	13	61	27	4	30	11	2	24	3	3	16	15	34	536	410	25.5	0.76					
TOTAL			231	71,775																							

(1) Ceq: (CE=C+Mn/6+Cr/5+V/5+Mo/5+Ni/15+Cu/15)
 (2) Gauge length : 200 mm
 (3) YR = 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.

J. C. Ahn

General Manager of QA Team

Qr code scanner App : "Qreal"

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HMS 1102(A)-38 A4(210x297)