



Mill Test Certificate

Certificate No. : 141120-FP01PS-00016-0001

Date of Issue : Dec., 03, 2014

Order No. : 01S1303983

PO No. : 244429

Supplier : DAE WOO INTERNATIONAL CORP.

Commodity : PLATE

Customer : NAMASCO LA CORP.

Spec & Type : A36/SA36/A709-36

Size	Product No.	Quantity	Weight (kg)	Heat No.	Position	Tensile Test			Division	Chemical Composition (%)										
						YP (MPa)	TS	EL (%)		C	Si	Mn	P	S	Cr	Ni	Cu	Mo	Nb	V
2.25"x120"x240"	PB63209501-9502	2	16,670	SB19658	T	285	462	35	L	0.1423	0.242	1.080	0.0140	0.0016	0.020	0.009	0.009	0.005	0.004	0.001
*** Sub Total (110) ***		2	16,670 (kg)						P	0.1566	0.239	1.048	0.0138	0.0013	0.019	0.009	0.009	0.005	0.002	0.001
2.5"x120"x240"	PB63253501-3502	2	18,524	SB19658	T	284	457	34	L	0.1423	0.242	1.080	0.0140	0.0016	0.020	0.009	0.009	0.005	0.004	0.001
*** Sub Total (120) ***		2	18,524 (kg)						P	0.1566	0.239	1.048	0.0138	0.0013	0.019	0.009	0.009	0.005	0.002	0.001
2.75"x120"x240"	PB63253401-3402	2	20,374	SB19658	T	282	453	33	L	0.1423	0.242	1.080	0.0140	0.0016	0.020	0.009	0.009	0.005	0.004	0.001
*** Sub Total (130) ***		2	20,374 (kg)						P	0.1566	0.239	1.048	0.0138	0.0013	0.019	0.009	0.009	0.005	0.002	0.001
*** Grade Total ***		6	55,568 (kg)																	
*** Grand Total ***		6	55,568 (kg)																	
=== Last Item ===																				

* Position - T : Top, M : Middle, B : Bottom
 * Tensile Test. Direction : Transversal, Gauge Length : 200mm(Rectangular), YP Method : 0.2% off-set
 * Division - L : Ladle Analysis, P : Products Analysis
 * Supply Condition : As-Rolled unless otherwise Heat Treated.

We hereby certify that the material herein has been made in accordance with the order and above specification. This material has been made by vacuum degassing process. This material is fine grained steel. This material has been fully killed and made by basic oxygen process. Test Certificate is issued according to EN10204 3.1.

This Mill Test Certificate cannot be copied for any purpose.

Surveyor To :

M. S. JANG