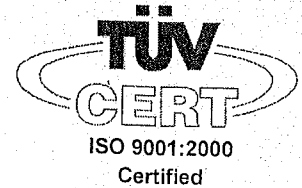




**Industrias Maass**  
de Mexico S.A. de C.V.

Carretera Presa La Amistad KM7  
Parque Industrial Amistada  
Ciudad Acuna, Coahuila 26230, Mexico



**Material Test Certification**  
Certificate Conforms to EN 10204/3.1

Sold to: **WILHELM MAASS INTERNATIONAL, S. DE R.L DE C.V. WMI-040315-HP8**  
**NORTE 70-A 5643**  
**COL.BONDOJITO G.A. MADERO**  
**MEXICO, D.F. 07850**

Cust. P.O.#: 3009-12  
Order#: 6402

Item 7

Qty	Part Number	Part Description	Heatcode	HeatNumber	Material				
151	6200200112	M-FIN 316/316L 2.00 150 RF SO	C1094	E110366	F316/316L				
	C	Mn	P	S	Si	Ni	Cr	Mo	N
	0.020	1.580	0.027	0.0220	0.360	10.230	17.170	2.080	0.0630
	Tensile PSI	Yield 2% PSI	Elong	R of A %	BHN				
	84880	41520	56.60	69.52	148				

CVN: -20 F; 77, 82, 77 ft-lbs;

Heat Treatment: Solution annealed at 1950F/1065C and water quenched

Specification: A/SA182/M-11a F316/316L; NACE MR-0175/ISO15156, MR-0103; B16.5-2009 as applicable.

Material free from mercury contamination. No weld repair performed.

Made in Mexico

MTR: A262-E passed

Sweden melt

Macro for job 196054 passed

Item 8

Qty	Part Number	Part Description	Heatcode	HeatNumber	Material				
149	6200200112	M-FIN 316/316L 2.00 150 RF SO	C1141	531292	F316/316L				
	C	Mn	P	S	Si	Ni	Cr	Mo	N
	0.019	1.810	0.032	0.0260	0.350	10.200	16.810	2.020	0.0300
	Tensile PSI	Yield 2% PSI	Elong	R of A %	BHN				
	78500	36800	65.60	68.50	149				

Heat Treatment: Solution annealed at 1950F/1065C and water quenched

Specification: A/SA182/M-11a F316/316L; NACE MR-0175/ISO15156, MR-0103; B16.5-2009 as applicable.

Material free from mercury contamination. No weld repair performed.

Made in Mexico

MTR: Sweden melt; A262-E passed

Item 9

Qty	Part Number	Part Description	Heatcode	HeatNumber	Material				
118	6200300112	M-FIN 316/316L 3.00 150 RF SO	C1128	531137	F316/316L				
	C	Mn	P	S	Si	Ni	Cr	Mo	N
	0.008	1.770	0.029	0.0230	0.300	10.190	16.750	2.060	0.0330
	Tensile PSI	Yield 2% PSI	Elong	R of A %	BHN				
	83800	43900	52.80	64.80	149				

Heat Treatment: Solution annealed at 1950F/1065C and water quenched

Specification: A/SA182/M-11a F316/316L; NACE MR-0175/ISO15156, MR-0103; B16.5-2009 as applicable.

Material free from mercury contamination. No weld repair performed.

Made in Mexico

*We certify that the material represented by this document has been tested and inspected and is in conformance with the purchase order, drawing(s) and specification requirements.*

Approved by

Harold Acord  
Quality Assurance Inspector

22/08/2012

HCM #92