

CLIENTE / Customer / Client

PLESA ANAHUAC Y CIAS, S.A.C.V.  
AV. VALLE DE LAS ALAMEDAS, 66-0  
COL. SAN FRANCISCO CHILPAN  
54940 TULTITLAN-EDO. DE MEXICO

# CERTIFICADO DE INSPECCION

## Works Certificate - Certificat d'Usine

DIN EN 10204 / 3.1  
ISO 10474 / 3.1

106020

FECHA: 31/03/2006  
Date: No. N.º

HOJA: 1  
Page:

PRODUCTO  
Article - Product

BRIDAS

SU PEDIDO N.º  
Your Order No. 919 (28.01.06)  
Votre Cde. N.º

DE

of. - de 28/01/2006

NORMAS APLICABLES  
Requirements - Normes Applicables

ASME B16.5-96

MATERIAL CORRESPONDIENTE  
Material Correspondent - Qualité

ASTMA105N-03  
ASME SA105N-03

MODO DE FUSION (\*)  
Steel Making - Elaboration de l'acier

NACE MR-01-75/03

E = Elec. Y = Oxígeno básico

N.º: SGI 1922164

Certified acc. PED 97/23/EC  
by TÜV Rheinland  
N.º 01 202/E/Q 02 7443

MARCA DEL FABRICANTE  
Mark of factory  
Marque du fabricant



51430

DEPARTAMENTO GARANTÍA CALIDAD

Section  
Department

PARTIDA Item Poste	CANTIDAD Quantity Quantité	DESCRIPCION Description Description	OBSERVACIONES Remarks Observations (*)	COLADA N.º Heat No N.ºCoulée	RESISTENCIA T. Strength Resist Rupt N/mm2	LIMITE ELAST Y. Strength Limite Elast. N/mm2	ALARGAM. Elongation Allongement Lo: 4 g %	ESTRICCION Red. Area Striction %	RESILENCIA Impact test Resilience Joules	PROBETA - SPECIMEN		DUREZA Hardness Dureté HB
										MEDIA Average Moyenne	°C	
2	105	WN 6 150LB S40 RF A105N	NE	38A5	518	320	33,50	66,00				150
3	144	WN 8 150LB S40 RF A105N	NE	83A6	520	323	33,00	66,10				150
9	144	WN 4 300LB S40 RF A105N	NE	77A6	519	320	33,00	66,20				151
11	30	SO 12 150LB RF A105N	NE	57A6	521	317	32,70	64,80				151
22	2	WN 8 300LB S80 RF A105N	NE	106A6	517	322	32,70	64,20				149
22	3	WN 8 300LB S80 RF A105N	NE	121A5	521	313	31,80	63,00				152
23	100	WN 4 150LB S80 RF A105N	NE	266A4	518	326	33,00	67,40				151
26	30	WN 4 600LB S80 RF A105N	NE	61A6	521	308	32,60	63,80				151

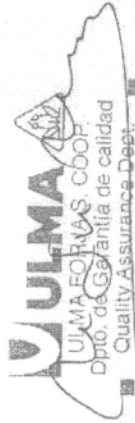
### COMPOSICION QUIMICA - STEEL MARKER'S LADLE ANALYSIS - ANALYSE CHIMIQUE

COLADA N.º Heat No N.ºCoulée	C %	Mn %	P %	S %	Cr %	Ni %	Mo %	Nb %	V %	Cu %	CEQ %
106A6	0.180	0.840	0.010	0.004	0.090	0.080	0.050	0.007	0.001	0.210	0.368
121A5	0.180	0.820	0.016	0.004	0.170	0.170	0.050	0.007	0.002	0.380	0.398
266A4	0.190	0.860	0.017	0.005	0.060	0.150	0.040	0.007	0.001	0.390	0.390
38A5	0.180	0.880	0.018	0.003	0.090	0.130	0.040	0.007	0.003	0.330	0.384
57A6	0.200	0.830	0.010	0.003	0.080	0.090	0.030	0.007	0.001	0.220	0.381
61A6	0.200	1.020	0.006	0.018	0.060	0.120	0.020	0.000	0.002	0.200	0.408
77A6	0.190	0.870	0.012	0.002	0.070	0.070	0.020	0.007	0.001	0.190	0.371
83A6	0.190	0.860	0.015	0.002	0.100	0.060	0.030	0.007	0.002	0.130	0.372

- Las dimensiones y la condición superficial se hallaron satisfactorias  
- Dimension and surface condition were found acceptable  
- Les dimensions et états de surface sont satisfaisants

- Los materiales citados cumplen las normas aplicables  
- Manufacturing requirements are satisfied  
- Les normes applicables sont respectées

EL INSPECTOR  
Works Inspector - L'Inspecteur



(\*) OBSERVACIONES:  
Remarks  
Observations