

# CIA. SIDERURGICA DE CALIFORNIA, S.A. DE C.V.

MATRIZ:  
 AV. LAZARO CARDENAS No. 601  
 EDIF. "A" 3º PISO  
 COLONIA LA NOGALERA  
 TEL.:(01-33) 36-69-57-57 FAX: 38-11-82-02  
 C.P. 44440 GUADALAJARA, JALISCO, MEXICO.

PLANTA GUADALAJARA

SUCURSAL:

LOTES 1 Y 2 INT. "A" COLONIA COLORADO No. 4  
 DELEGACION CERRO PRIETO  
 TELS:(01-686) 5-62-89-89 Y 58 FAX: 5-62-02-91  
 APDO. POSTAL 9-12 Y 9-14 MEXICALI  
 P.O.BOX 872-197 CALEXICO, CA. 92232  
 C.P. 21030 MEXICALI, B.C., MEXICO.

## Certificado de Calidad Quality Certificate

No.REMISION  
 PACKING LIST No.

20004

FECHA  
 DATE

04/01/2005

HORA  
 TIME

08:16:03

No.CLIENTE  
 CUSTOMER No.

28657

ALMACEN  
 BRANCH

41827

R55370001

SOLD TO:  
 VENDIDO A:

PLESA ANAHUAC Y CIAS, S.A. DE C.V.

AV. VALLE DE LAS ALAMEDAS N.66-0  
 COL. SAN FRANCISCO CHILPAN  
 TULTITLAN EM CP:54940

MEX  
 RFC:PAC-040303-UY6

ENVIADO A:  
 SHIP TO:

PLESA ANAHUAC Y CIAS, S.A. DE C.V.  
 AV. VALLE DE LAS ALAMEDAS N.66-0

COL. SAN FRANCISCO CHILPAN  
 TULTITLAN EM CP:54940

MEX  
 RFC:PAC-040303-UY6

CONSIGNAR A:  
 C.BROKER:

TRANSPORTE  
 SHIP VIA

9830

Transportista Dummy Terrestre

No.GUIA  
 SHIPMENT No.

326

No.PLACAS  
 LOC.PLATES

397 CN3

O/E

E

USUARIO  
 USER

JACASTILLO

### ANALISIS QUIMICOS/CHEMICAL ANALYSIS

COLADA HEAT	Grado de Acero	%P	%S	%Sn	%C	%Cu	%Mo	%Si	%Ni	%Cr	%V	%Mn	%Nb	%Ti	C.Es	I.G.
359974	ASTM A36	.005	.032	.010	.200	.280	.017	.230	.090	.050	.002	.800	.001	.001		
359975	ASTM A36	.004	.029	.015	.200	.460	.026	.210	.120	.090	.003	.760	.001	.001		
451982	ASTM A36	.020	.043	.017	.170	.440	.028	.200	.100	.170		.660				
451985	ASTM A36	.017	.032	.015	.180	.400	.030	.160	.130	.130		.620				
452079	ASTM A36	.027	.031	.018	.200	.450	.036	.200	.120	.150		.680				
452588	ASTM A36	.029	.034	.014	.170	.480	.025	.200	.140	.190		.630				
452895	ASTM A36	.006	.027	.010	.170	.320	.019	.180	.080	.130		.620				

### ANALISIS MECANICOS Y FISICOS/MECHANICAL AND PHYSICAL PROPERTIES

COLADA HEAT	Norma de Fabricacion Product Especification	Lim.Elast. Yield Strength (Lb/In2)	Esf.Max. Tensile Strength (Lb/In2)	Elong. (%)	Dureza Hardness	Estructura Estructure	Inclusiones Cleaness	Tamaño Grano Grain Size	Descarbur.	Doblez	Rec/Oval.
359974	ASTM A6/A 6M-94a	54,100	76,270	27							
359975	ASTM A6/A 6M-94a	53,360	75,474	26							
451982	ASTM A6/A 6M-94a	49,426	70,936	27							
451985	ASTM A6/A 6M-94a	49,332	70,964	27							
452079	ASTM A6/A 6M-94a	51,880	73,882	26							
452588	ASTM A6/A 6M-94a	48,868	70,348	27							
452895	ASTM A6/A 6M-94a										

COLADA HEAT	Producto Item	Atados por Colada Bundles by Heat
359974	ANG 4X1/2 A36 101.6X12.7MM	TEL02866
359975	ANG 4X1/2 A36 101.6X12.7MM	TEL02875 TEL02876 TEL02877 TEL02880 TEL02881 TEL02882
451982	SOL 2-1/2X1/2 A36 63.5X12.7MM	SEK01141 SEK01142
451985	SOL 2-1/2X1/2 A36 63.5X12.7MM	SEK01139
452079	SOL 2X1/2 A36 50.8X12.7MM	SEL00089 SEL00088
452588	SOL 2X1/4 A36 50.8X6.3MM	SFA00779
452895	SOL 2X1/4 A36 50.8X6.3MM	SFA00815 SFA00816 SFA00817 SFA00821

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 DEPTO. DE EMBARQUES