

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

MATRIZ:

PLANTA GUADALAJARA

SUCURSAL:

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.

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.	26586	FECHA DATE	14/06/2005	HORA TIME	18:50:03	No. CLIENTE CUSTOMER No.	28657	ALMACEN BRANCH	41827
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R55370001

SOLD TO: VENIDO A:	PLESA ANAHUAC Y CIAS, S.A. DE C.V. AV. VALLE DE LAS ALAMEDAS N.66-O 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-O COL. SAN FRANCISCO CHILPAN TULTITLAN EM CP:54940 MEX RFC:PAC-040303-UY6	CONSIGNAR A: C.BROKER:	
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TRANSPORTE SHIP VIA	9830	Transportista Dummy Terrestre	No. GUIA SHIPMENT No.	1615	No. PLACAS LOC. PLATES	740 CM3	O/E ?	E	USUARIO USER	AGONZALEZ
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### 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.
362011	ASTM A36	.011	.026	.017	.230	.470	.016	.220	.120	.080	.002	.840	.001	.001		
362012	ASTM A36	.017	.027	.017	.180	.480	.018	.210	.150	.110	.003	.800	.001	.002		
362013	ASTM A36	.010	.023	.017	.230	.450	.019	.210	.150	.100	.002	.790	.001	.002		
362017	ASTM A36	.006	.048	.013	.180	.300	.028	.240	.110	.070	.001	.760	.001	.002		

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

COLADA HEAT	Norma de Fabricacion Product Specification	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.
362011	ASTM A6/A 6M-94a	56,540	78,998	27							
362012	ASTM A6/A 6M-94a	52,122	73,919	28							
362013	ASTM A6/A 6M-94a	56,494	79,113	27							
362017	ASTM A6/A 6M-94a	51,936	73,722	27							

COLADA HEAT	Producto Item	Atados por Colada Bundles by Heat
362011	CANAL 8L 17.2KG A36 203.2MM	TFE00958 TFE00959 TFE00960
362012	CANAL 8L 17.2KG A36 203.2MM	TFE00968 TFE00969 TFE00970 TFE00990
362013	CANAL 8L 17.2KG A36 203.2MM	TFE00947 TFE00948 TFE00971 TFE00973 TFE00975 TFE00979
362017	CANAL 8L 17.2KG A36 203.2MM	TFE00868

**CIA. SIDERURGICA DE GUADALAJARA,**  
S. A. de C. V.  
DEPTO. Firma y Sello  
ASEGURAMIENTO DE CALIDAD