

# 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. 25558      FECHA DATE 21/05/2005      HORA TIME 07:24:13      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-O  
COL. SAN FRANCISCO CHILPAN  
TULTITLAN      I.M 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:

TRANSPORTE SHIP VIA 9830      Transportista Dummy Terrestre      No. GUIA SHIPMENT No. 506      No. PLACAS LOC. PLATES 196 CS1      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. |
|--------|----------|----------------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|
| 360192 | ASTM A36 |                | .009 | .022 | .013 | .200 | .310 | .021 | .170 | .100 | .090 | .002 | .620  | .001 | .001 |      |      |
| 361960 | ASTM A36 |                | .011 | .026 | .024 | .220 | .370 | .036 | .280 | .210 | .110 | .024 | 1.070 | .001 | .002 |      |      |

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

| COLADA | Norma de Fabricacion  | Lim. Elast.             | Esf. Max.                 | Elong. | Dureza   | Estructura | Inclusiones | Tamaño Grano | Descarbur. | Doblez | Rec/Oval. |
|--------|-----------------------|-------------------------|---------------------------|--------|----------|------------|-------------|--------------|------------|--------|-----------|
| HEAT   | Product Specification | Yield Strength (Lb/In2) | Tensile Strength (Lb/In2) | (%)    | Hardness | Structure  | Cleaness    | Grain Size   |            |        |           |
| 360192 | ASTM A6/A 6M-94a      | 50,770                  | 72,688                    | 26     |          |            |             |              |            |        |           |
| 361960 | ASTM A6/A 6M-94a      | 60,795                  | 83,529                    | 28     |          |            |             |              |            |        |           |

| COLADA | Producto                    | Atados por Colada          |
|--------|-----------------------------|----------------------------|
| HEAT   | Item                        | Bundles by Heat            |
| 360192 | CUAD 1/2 A36 12.7MM         | SFC02609 SFC02610 SFC02611 |
| 361960 | CANAL 6P 19.3KG A36 152.4MM | TFD03952 TFD03953 TFD03954 |

**CIA. SIDERURGICA DE GUADALAJARA,**  
**S.A. DE C.V.**  
**DEPTO. DE ENBARQUES**