

CERTIFICADO DE CALIDAD DE PRODUCTO TERMINADO

DATOS GENERALES:

FECHA/HORA: 14/10/06 11:34:43  
 CLIENTE: PLESA ANAHUAC Y CIAS, S.A. DE  
 PEDIDO: 147069 CONTRATO: 2006 REMISION: 330820-1  
 PRODUCTO: ANGULO 6X3/8" 152.4X9.52MM GRADO DE ACERO ASTM A36/A36M-94  
 ESPECIFICACION PRODUCTO: ASTM A6/94 EMBARQUE: JOSE GPE ZARAGOZA  
 PESO TEORICO (KG/MT): 22.173 LONGITUD (Mts) 12.20 TERMINADO:

ANALISIS QUIMICOS:

| COLADA | % P   | % S   | % Sn  | % C   | % Cu  | % Mo  | % Si  | % Ni  | % Cr  | % V   | % Mn  | % Nb |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| 368891 | .0110 | .0460 | .0140 | .1800 | .3000 | .0340 | .2100 | .1300 | .0900 | .0050 | .6100 |      |

ANALISIS MECANICOS Y FISICOS:

| COLADA | LIMITE ELASTICO (LB/IN <sup>2</sup> ) | ESFUERZO MAXIMO (LB/IN <sup>2</sup> ) | ALARGAMIENTO % |
|--------|---------------------------------------|---------------------------------------|----------------|
| 368891 | 49,146                                | 70,767                                | 27             |

ATADOS DE LA COLADA

| COLADA | TGJ01288 | TGJ01289 | TGJ01290 | TGJ01291 | TGJ01292 | TGJ01293 | TGJ01294 | TGJ01295 | TGJ01296 | TGJ01297 |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 368891 | TGJ01298 | TGJ01299 | TGJ01300 | TGJ01301 | TGJ01302 | TGJ01303 | TGJ01304 | TGJ01305 | TGJ01306 | TGJ01307 |
| 368891 | TGJ01308 |          |          |          |          |          |          |          |          |          |

