

CERTIFICADO DE CALIDAD DE PRODUCTO TERMINADO

DATOS GENERALES:

FECHA/HORA: 23/09/08 13:13:39  
 CLIENTE: PLESA ANAHUAC Y CIAS, S.A. DE  
 PEDIDO: 002063 CONTRATO:5141 REMISION: 007780-1  
 PRODUCTO: ANGULO 3X1/4" 76.2X6.35MM GRADO DE ACERO ASTM A36/A36M-94  
 ESPECIFICACION PRODUCTO: ASTM A6/94 EMBARQUE: DEMETRIO BARRON HERN  
 PESO TEORICO(KG/MT): 7.291 LONGITUD(Mts) 12.20 TERMINADO:

ANALISIS QUIMICOS:

| COLADA | % P   | % S   | % Sn  | % C   | % Cu  | % Mo  | % Si  | % Ni  | % Cr  | % V   | % Mn   | % Nb  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 377827 | .0210 | .0270 | .0200 | .1500 | .2500 | .0320 | .2200 | .1100 | .0700 | .0030 | .6500  | .0020 |
| 377842 | .0110 | .0330 | .0210 | .1900 | .2400 | .0260 | .2300 | .1000 | .1000 | .0030 | .8800  | .0020 |
| 469662 | .0210 | .0240 | .0160 | .2500 | .3600 | .0180 | .2200 | .1100 | .1200 |       | 1.0100 |       |
| 470951 | .0180 | .0210 | .0160 | .1700 | .3500 | .0130 | .1700 | .0900 | .1200 |       | .5900  |       |

ANALISIS MECANICOS Y FISICOS:

| COLADA | LIMITE ELASTICO (LB/IN2) | ESFUERZO MAXIMO (LB/IN2) | ALARGAMIENTO (2") |
|--------|--------------------------|--------------------------|-------------------|
| 377827 | 48,220                   | 69,410                   | 27                |
| 377842 | 54,792                   | 76,950                   | 28                |
| 469662 | 62,686                   | 79,569                   | 28                |
| 470951 | 48,124                   | 69,564                   | 26                |

ATADOS DE LA COLADA

| COLADA |          |          |          |          |
|--------|----------|----------|----------|----------|
| 377827 | SII02426 | SII02427 | SII02428 |          |
| 377842 | SII02411 | SII02413 | SII02414 | SII02416 |
| 469662 | DIF01404 |          |          |          |
| 470951 | DII01404 |          |          |          |

