

## CERTIFICADO DE CALIDAD DE PRODUCTO TERMINADO

## DATOS GENERALES:

FECHA/HORA: 23/05/11 9:48:05  
 CLIENTE: PLESA ANAHUAC Y CIAS, S.A. DE  
 PEDIDO: 005752 CONTRATO:10436 REMISION: 027118-3  
 PRODUCTO: ANGULO 4X1/2" 101.6X12.7MM GRADO DE ACERO ASTM A36/A36M-94  
 ESPECIFICACION PRODUCTO: ASTM A6/94 EMBARQUE: TRANSPORTES MENDOZA  
 PESO TEORICO(KG/MT):19.048 LONGITUD(Mts) 12.20 TERMINADO:

## ANALISIS QUIMICOS:

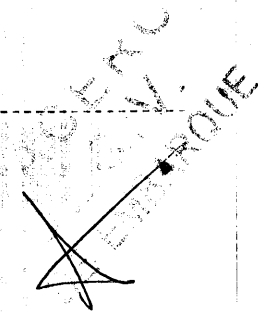
| COLADA | % P   | % S   | % Sn  | % C   | % Cu  | % Mo  | % Si  | % Ni  | % Cr  | % V   | % Mn  | % Nb  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 387412 | .0110 | .0320 | .0170 | .1900 | .3100 | .0230 | .2000 | .1400 | .1000 | .0030 | .6400 | .0030 |
| 388966 | .0120 | .0300 | .0130 | .2100 | .3000 | .0420 | .1800 | .1300 | .1400 | .0020 | .7000 | .0010 |
| 390945 | .0150 | .0340 | .0150 | .2100 | .2700 | .0160 | .2400 | .1200 | .1300 | .0030 | .9400 | .0010 |
| 390948 | .0180 | .0300 | .0180 | .1000 | .2300 | .0240 | .2200 | .1100 | .0800 | .0030 | .6500 | .0030 |

## ANALISIS MECANICOS Y FISICOS:

| COLADA | LIMITE ELASTICO (LB/IN2) | ESFUERZO MAXIMO (LB/IN2) | ALARGAMIENTO (2") |
|--------|--------------------------|--------------------------|-------------------|
| 387412 | 50,376                   | 72,150                   | 27                |
| 388966 |                          |                          |                   |
| 390945 | 57,490                   | 79,569                   | 27                |
| 390948 | 46,005                   | 66,760                   | 29                |

## ATADOS DE LA COLADA

| COLADA |          |
|--------|----------|
| 387412 | TKG03752 |
| 388966 | TKK01460 |
| 390945 | DLE01429 |
| 390948 | DLE01439 |



ASEGURAMIENTO DE CALIDAD