

CERTIFICADO DE CALIDAD DE PRODUCTO TERMINADO

DATOS GENERALES:

FECHA/HORA: 17/01/17 9:14:31

CLIENTE: PLESA ANAHUAC Y CIAS, S.A. DE

PEDIDO: 023770 CONTRA 24393 REMISION: 0109210-1

PRODUCTO: ANGULO 2-1/2X1/4" 63.5X6.35MGRADO DE ACERO A36/A3650/A529G50

CANTIDAD EMBARCADA 10.442 TONS

ESPECIFICACION PRODUCTO: EMBARQUE: MATEO ARCE PALMARES

PESO TEORICO PRODUCTO: 6.101 KGS/MT LONGITUD(Mts) 6.10 TERMINADO:

ANALISIS QUIMICOS:

| COLADA | % P   | % S   | % Sn  | % C   | % Cu  | % Mo  | % Si | % Ni | % Cr | % V  | % Mn | % Ti | % Nb  |
|--------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|-------|
| 498032 | .0140 | .0390 | .0250 | .1700 | .4700 | .0200 | .180 | .090 | .090 | .001 | .930 | .001 | .0010 |
| 498033 | .0160 | .0320 | .0220 | .1700 | .3600 | .0230 | .200 | .110 | .150 | .001 | .930 | .001 | .0010 |

ANALISIS MECANICOS Y FISICOS:

| COLADA | LIMITE ELASTICO (LB/IN2) | ESFUERZO MAXIMO (LB/IN2) | ALARGAMIENTO (%) | DUREZA SUPERFICIAL |
|--------|--------------------------|--------------------------|------------------|--------------------|
| 498032 | 54,448                   | 76,228                   | 28               |                    |
| 498033 | 54,448                   | 76,228                   | 28               |                    |

ANALISIS METALOGRAFICO:

| COLADA | ESTRUCTURA | INCLUSIONES | TAMAÑO DE GRANO | DESCARBURIZACION |
|--------|------------|-------------|-----------------|------------------|
| 498032 |            |             |                 |                  |
| 498033 |            |             |                 |                  |

ATADOS DE LA COLADA

| COLADA |          |          |          |
|--------|----------|----------|----------|
| 498032 | SQL04115 | SQL04116 |          |
| 498033 | SQL04106 | SQL04107 | SQL04108 |

