

## CERTIFICADO DE CALIDAD DE PRODUCTO TERMINADO

## DATOS GENERALES:

FECHA/HORA: 29/03/07 14:51:53

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

PEDIDO: 148429 CONTRATO:2639 REMISION: 338596-1

PRODUCTO: REDONDO 5/8" 15.87MM GRADO DE ACERO ASTM A36/A36M-94

ESPECIFICACION PRODUCTO: ASTM A6/94 EMBARQUE: ALCO TRANSPORTES

PESO TEORICO(KG/MT): 1.554 LONGITUD(Mts) 6.10 TERMINADO:

## ANALISIS QUIMICOS:

| COLADA | % P   | % S   | % Sn  | % C   | % Cu  | % Mo  | % Si  | % Ni  | % Cr  | % V | % Mn  | % Nb |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-------|------|
| 464006 | .0130 | .0260 | .0240 | .1800 | .4500 | .0220 | .2500 | .1100 | .1400 |     | .9100 |      |
| 464007 | .0200 | .0230 | .0180 | .1700 | .3700 | .0220 | .2900 | .1200 | .2000 |     | .8400 |      |
| 464008 | .0180 | .0210 | .0180 | .1800 | .3900 | .0200 | .2400 | .1200 | .2200 |     | .8500 |      |

## ANALISIS MECANICOS Y FISICOS:

| COLADA | LIMITE<br>ELASTICO<br>(LB/IN <sup>2</sup> ) | ESFUERZO<br>MAXIMO<br>(LB/IN <sup>2</sup> ) | ALARGAMIENTO<br>% |
|--------|---|---|-------------------|
| 464006 | 54,726                                      | 76,677                                      | 28                |
| 464007 | 52,774                                      | 74,464                                      | 28                |
| 464008 | 53,610                                      | 75,495                                      | 28                |

## ATADOS DE LA COLADA

| COLADA |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 464006 | SHC06754 | SHC06755 | SHC06756 | SHC06757 |          |          |          |          |          |
| 464007 | SHC06721 | SHC06722 |          |          |          |          |          |          |          |
| 464008 | SHC06761 | SHC06762 | SHC06763 | SHC06764 | SHC06765 | SHC06766 | SHC06770 | SHC06771 | SHC06772 |

**SIMEC-INTERNATIONAL**  
**S.A. DE C.V.**  
 ASEGURAMIENTO DE CALIDAD  
 DEPTO. DE EMBARQUES