

## CERTIFICADO DE CALIDAD DE PRODUCTO TERMINADO

## DATOS GENERALES:

FECHA/HORA: 13/03/08 6:28:56

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

PEDIDO: 000591

CONTRATO:4321

REMISION: 000209-1

PRODUCTO: CANAL 8" (LIV) 11.5LB/FT 203.2GRADO DE ACERO ASTM A36/A36M-94

ESPECIFICACION PRODUCTO: ASTM A6/94

EMBARQUE: PABLO DANIEL, SA.CV.

PESO TEORICO(KG/MT):17.113

LONGITUD(Mts) 12.20

TERMINADO:

## ANALISIS QUIMICOS:

| COLADA | % P   | % S   | % Sn  | % C   | % Cu  | % Mo  | % Si  | % Ni  | % Cr  | % V   | % Mn  | % Nb  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 375363 | .0140 | .0270 | .0160 | .1900 | .2300 | .0300 | .2400 | .1700 | .1500 | .0010 | .7700 | .0020 |
| 375364 | .0200 | .0290 | .0160 | .2000 | .2400 | .0300 | .2200 | .1500 | .1700 | .0010 | .7800 | .0020 |
| 375427 | .0050 | .0370 | .0180 | .1800 | .2100 | .0300 | .2000 | .1700 | .0900 | .0020 | .6500 | .0010 |

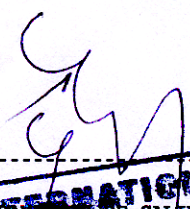
## ANALISIS MECANICOS Y FISICOS:

| COLADA | LIMITE<br>ELASTICO<br>(LB/IN2) | ESFUERZO<br>MAXIMO<br>(LB/IN2) | ALARGAMIENTO<br>% |
|--------|--------------------------------|--------------------------------|-------------------|
| 375363 | 52,768                         | 74,750                         | 27                |
| 375364 | 53,730                         | 75,872                         | 26                |
| 375427 | 49,890                         | 71,555                         | 27                |

## ATADOS DE LA COLADA

## COLADA

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| 375363 | TIC01032 | TIC01033 | TIC01034 | TIC01035 | TIC01036 | TIC01039 | TIC01041 | TIC01043 |
| 375364 | TIC01029 |          |          |          |          |          |          |          |
| 375427 | TIC01060 |          |          |          |          |          |          |          |

  
**SIMEC INTERNATIONAL,**  
 ASOCIAMENTO DE CALIDAD  
**S.A. DE C.V.**  
**DEPTO. DE EMBARQUES**