

CERTIFICADO DE CALIDAD DE PRODUCTO TERMINADO

DATOS GENERALES:

FECHA/HORA: 24/09/10 13:25:04

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

PEDIDO: 003889 CONTRATO:9031 REMISION: 016256-1

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

ESPECIFICACION PRODUCTO: ASTM A6/94 EMBARQUE: HECTOR RICARDO SALAS

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 |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 387463 | .0180 | .0400 | .0150 | .1900 | .2600 | .0300 | .2600 | .2000 | .1300 | .0030 | .6600 | .0020 |
| 387472 | .0110 | .0330 | .0180 | .2100 | .2800 | .0290 | .2300 | .1400 | .1100 | .0030 | .6300 | .0030 |
| 387502 | .0130 | .0470 | .0150 | .1800 | .2600 | .0300 | .2100 | .1600 | .1100 | .0030 | .5700 | .0010 |

ANALISIS MECANICOS Y FISICOS:

| COLADA | LIMITE ELASTICO (LB/IN ²) | ESFUERZO MAXIMO (LB/IN ²) | ALARGAMIENTO (2") |
|--------|---------------------------------------|---------------------------------------|-------------------|
| 387463 | 50,744 | 72,550 | 27 |
| 387472 | 51,755 | 73,763 | 26 |
| 387502 | 48,402 | 69,979 | 26 |

ATADOS DE LA COLADA

| COLADA | | | | | | | | |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| 387463 | TKH00882 | TKH00883 | TKH00884 | TKH00885 | TKH00886 | TKH00887 | TKH00888 | TKH00889 |
| 387472 | TKH00863 | TKH00864 | TKH00865 | | | | | |
| 387502 | TKH00877 | TKH00878 | TKH00881 | | | | | |

~~SIMEC ACERO
S.A. DE C.V.
ASEGURAMIENTO DE CALIDAD~~