

CERTIFICADO DE CALIDAD DE PRODUCTO TERMINADO

DATOS GENERALES:

FECHA/HORA: 03/10/12 4:10:49
 CLIENTE: PLESA ANAHUAC Y CIAS, S.A. DE
 PEDIDO: 010409 CONTRA 14088 REMISION: 0045532-1
 PRODUCTO: CANAL 8" (LIV) 11.5LB/FT 203.2GRADO DE ACERO ASTM A36/A36M-94
 ESPECIFICACION PRODUCTO: ASTM A6/94 EMBARQUE: TRANSPORTES GARCIA
 PESO TEORICO (KG/MT) :17.113 LONGITUD (Mts) 6.10 TERMINADO:

ANALISIS QUIMICOS:

| COLADA | % P | % S | % Sn | % C | % Cu | % Mo | % Si | % Ni | % Cr | % V | % Mn | % Nb |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 398171 | .0140 | .0320 | .0180 | .2300 | .3100 | .0250 | .2600 | .1200 | .1200 | .0020 | .7100 | .0010 |
| 398172 | .0180 | .0260 | .0150 | .2400 | .3100 | .0250 | .2800 | .1200 | .1100 | .0020 | .7500 | .0010 |

ANALISIS MECANICOS Y FISICOS:

| COLADA | LIMITE ELASTICO (PSI/MPA) | ESFUERZO MAXIMO (PSI/MPA) | ALARGAMIENTO (2") | CHARPY V-NOTCH JOULES | CHARPY V-NOTCH LB-PIE | CHARPY V-NOTCH KG-MT |
|--------|---------------------------|---------------------------|-------------------|-----------------------|-----------------------|----------------------|
| 398171 | 55,006 | 77,537 | 26 | | | |
| 398172 | 56,750 | 79,525 | 26 | | | |

ATADOS DE LA COLADA

| COLADA | | | | | | | | | | |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 398171 | TMI03743 | TMI03744 | TMI03745 | TMI03746 | TMI03747 | TMI03748 | TMI03749 | TMI03750 | TMI03751 | TMI03793 |
| 398171 | TMI03794 | TMI03795 | TMI03796 | | | | | | | |
| 398172 | TMI03752 | TMI03753 | TMI03754 | TMI03756 | TMI03757 | TMI03758 | | | | |

ASEGURAMIENTO DE CALIDAD

SIMEC ACERO
S.A. DE C.V.
 DEPTO. DE EMBARQUE