

CERTIFICADO DE CALIDAD DE PRODUCTO TERMINADO

DATOS GENERALES:

FECHA/HORA: 29/09/06 7:38:21
 CLIENTE: FLESA ANAHUAC Y CIAS, S.A. DE
 PEDIDO: 146680 CONTRATO: ACE 05168 REMISION: 330184-1
 PRODUCTO: CANAL 6" (LIV) 0.2LB/FT 152.4GRADO DE ACERO ASTM A36/A36M-94
 ESPECIFICACION PRODUCTO: ASTM A6/94 EMBARQUE: GUSTAVO SALAZAR R.
 PESO TEORICO (KG/MT): 12.202 LONGITUD (MTs) 12.20 TERMINADO:

ANALISIS QUIMICOS:

| COLADA | % P | % S | % Sn | % C | % Cu | % Mo | % Si | % Ni | % Cr | % V | % Mn | % Nb |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 368715 | .0100 | .0660 | .0150 | .2300 | .2900 | .0230 | .3200 | .1200 | .0800 | .0040 | .8400 | .0020 |
| 368736 | .0230 | .0360 | .0160 | .2700 | .3300 | .0230 | .3200 | .1400 | .1600 | .0040 | 1.0100 | .0020 |
| 368738 | .0110 | .0200 | .0160 | .2100 | .2300 | .0230 | .2100 | .1200 | .0800 | .0040 | .8000 | .0020 |
| 368739 | .0090 | .0220 | .0150 | .2500 | .2400 | .0210 | .2500 | .1000 | .0800 | .0040 | .9600 | .0020 |

ANALISIS MECANICOS Y FISICOS:

| COLADA | LIMITE ELASTICO (LB/IN ²) | ESFUERZO MAXIMO (LB/IN ²) | ALARGAMIENTO % |
|--------|---------------------------------------|---------------------------------------|----------------|
| 368715 | 57,424 | 79,569 | 27 |
| 368736 | 65,190 | 79,569 | 27 |
| 368738 | 54,900 | 77,180 | 27 |
| 368739 | 61,756 | 79,569 | 27 |

ATADOS DE LA COLADA

| COLADA | | | | | | | | | | | | |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--|--|--|
| 368715 | TGI03555 | TGI03556 | TGI03557 | | | | | | | | | |
| 368736 | TGI03597 | TGI03598 | TGI03599 | TGI03600 | TGI03601 | | | | | | | |
| 368738 | TGI03607 | TGI03608 | TGI03609 | TGI03610 | | | | | | | | |
| 368739 | TGI03593 | TGI03594 | TGI03595 | TGI03596 | TGI03602 | TGI03603 | TGI03604 | TGI03605 | TGI03606 | | | |

