

CERTIFICADO DE CALIDAD DE PRODUCTO TERMINADO

DATOS GENERALES:

FECHA/HORA: 13/02/12 17:00:41

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

PEDIDO: 008462 CONTRA 12350 REMISION: 0037657-1

PRODUCTO: VIGA IPS 5" 127MM GRADO DE ACERO ASTM A36/A36M-94

ESPECIFICACION PRODUCTO: ASTM A6/94 EMBARQUE: ACERO TRANSPORTE.SA

PESO TEORICO(KG/MT):14.881 LONGITUD(Mts) 6.10 TERMINADO:

ANALISIS QUIMICOS:

| COLADA | % P | % S | % Sn | % C | % Cu | % Mo | % Si | % Ni | % Cr | % V | % Mn | % Nb |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 394617 | .0170 | .0430 | .0150 | .1800 | .3100 | .0310 | .2600 | .1100 | .1200 | .0020 | .6500 | .0010 |
| 394621 | .0140 | .0410 | .0140 | .1600 | .2900 | .0340 | .2600 | .1200 | .1400 | .0020 | .6600 | .0020 |

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 |
|--------|---------------------------|---------------------------|-------------------|-----------------------|-----------------------|----------------------|
| 394617 | 49,890 | 71,555 | 27 | | | |
| 394621 | 48,892 | 70,270 | 27 | | | |

DATOS DE LA COLADA

| COLADA | | | | |
|--------|----------|----------|----------|----------|
| 394617 | DMA02517 | DMA02518 | DMA02519 | DMA02520 |
| 394621 | DMA02559 | DMA02560 | DMA02561 | |

