

CERTIFICADO DE CALIDAD DE PRODUCTO TERMINADO

DATOS GENERALES:

FECHA/HORA: 17/10/06 18:09:35

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

PEDIDO: 147069 CONTRATO: 2006 REMISION: 330960-1

PRODUCTO: ANGULO 6x1/2" 152.4x12.7MM GRADO DE ACERO ASTM A36/A36M-94

ESPECIFICACION PRODUCTO: ASTM A6/94 EMBARQUE: SERVITRANSPORTES G.R

PESO TEORICO(KG/MT): 29.167 LONGITUD(Mts) 12.20 TERMINADO:

ANALISIS QUIMICOS:

| COLADA | % P   | % S   | % Sn  | % C   | % Cu  | % Mo  | % Si  | % Ni  | % Cr  | % V   | % Mn  | % ND  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 368897 | .0140 | .0320 | .0180 | .2000 | .3600 | .0290 | .1600 | .1600 | .1400 | .0100 | .6500 | .0040 |
| 368898 | .0190 | .0500 | .0150 | .1800 | .3600 | .0230 | .1600 | .1300 | .1000 | .0090 | .7200 | .0030 |
| 368901 | .0140 | .0330 | .0120 | .1600 | .2200 | .0140 | .1900 | .1000 | .1100 | .0080 | .6600 | .0080 |

ANALISIS MECANICOS Y FISICOS:

| COLADA | LIMITE ELASTICO (LB/IN2) | ESFUERZO MAXIMO (LB/IN2) | ALARGAMIENTO % |
|--------|--------------------------|--------------------------|----------------|
| 368897 | 51,325                   | 73,285                   | 26             |
| 368898 | 51,192                   | 72,934                   | 27             |
| 368901 | 48,892                   | 70,270                   | 27             |

ATADOS DE LA COLADA

| COLADA |          |          |          |          |          |          |          |          |          |  |  |  |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--|--|--|
| 368897 | TGJ01208 | TGJ01209 | TGJ01210 |          |          |          |          |          |          |  |  |  |
| 368898 | TGJ01191 | TGJ01192 | TGJ01193 | TGJ01194 | TGJ01195 | TGJ01197 | TGJ01201 | TGJ01202 | TGJ01207 |  |  |  |
| 368901 | TGJ01184 | TGJ01185 | TGJ01188 | TGJ01189 | TGJ01190 |          |          |          |          |  |  |  |

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