

CERTIFICADO DE CALIDAD DE PRODUCTO TERMINADO

DATOS GENERALES:

FECHA/HORA: 02/04/14 8:19:11

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

PEDIDO: 015210 CONTRA 17946 REMISION: 0065006-1

PRODUCTO: ANGULO 4X3/8" 101.6X9.52MM GRADO DE ACERO ASTM A36/A36M-08

CANTIDAD EMBARCADA 29.699 TONS

ESPECIFICACION A6/A6M-10 EMBARQUE: RCO TRANSPORTES

PESO TEORICO PRODUCTO:14.583 KGS/MT LONGITUD(Mts) 12.20 TERMINADO:

ANALISIS QUIMICOS:

| COLADA | % P | % S | % Sn | % C | % Cu | % Mo | % Si | % Ni | % Cr | % V | % Mn | % Nb |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 306116 | .0190 | .0310 | .0250 | .1900 | .2400 | .0190 | .2100 | .0800 | .1500 | .0030 | .9700 | .0010 |
| 306117 | .0170 | .0280 | .0260 | .1900 | .2200 | .0210 | .2300 | .0800 | .1300 | .0030 | .9700 | .0010 |
| 306121 | .0110 | .0310 | .0180 | .1900 | .2100 | .0260 | .2300 | .0800 | .0900 | .0030 | .9900 | .0030 |

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 |
|--------|---------------------------|---------------------------|-------------------|-----------------------|-----------------------|----------------------|
| 306116 | 56,448 | 78,750 | 28 | | | |
| 306117 | 56,448 | 78,750 | 28 | | | |
| 306121 | 56,816 | 79,150 | 28 | | | |

ATADOS DE LA COLADA

| COLADA | | | | | | | | | | | |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--|--|
| 306116 | DOC01917 | | | | | | | | | | |
| 306117 | DOC01918 | DOC01927 | DOC01928 | DOC01929 | DOC01930 | DOC01931 | DOC01940 | DOC01941 | DOC01942 | | |
| 306121 | DOC01887 | DOC01888 | DOC01889 | DOC01890 | | | | | | | |

SIMECACERO
S.A. DE C.V.
 EPTO. DE EMBARQUE
 SEGURO DE CALIDAD