

CERTIFICADO DE CALIDAD DE PRODUCTO TERMINADO

DATOS GENERALES:

FECHA/HORA: 23/03/15 19:25:47

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

PEDIDO: 018402 CONTRA 20706 REMISION: 0079065-1

PRODUCTO: SOLERA 2-1/2X1/4" 63.5X6.35MGRADO DE ACERO ASTM A36/A36M-08

CANTIDAD EMBARCADA 33.366 TONS

ESPECIFICACION A6/A6M-10 EMBARQUE: MIROSLAVA MAGA#A D

PESO TEORICO PRODUCTO: 3.165 KGS/MT LONGITUD(Mts) 6.10 TERMINADO:

ANALISIS QUIMICOS:

| COLADA | % P | % S | % Sn | % C | % Cu | % Mo | % Si | % Ni | % Cr | % V | % Mn | % Nb |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-------|------|
| 492053 | .0090 | .0290 | .0240 | .1600 | .3300 | .0120 | .2000 | .1100 | .0800 | | .6000 | |
| 492055 | .0090 | .0290 | .0190 | .1800 | .2800 | .0130 | .1800 | .1100 | .0900 | | .6000 | |

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 |
|--------|---------------------------|---------------------------|-------------------|-----------------------|-----------------------|----------------------|
| 492053 | 47,770 | 69,100 | 27 | | | |
| 492055 | 48,960 | 70,570 | 27 | | | |

ATADOS DE LA COLADA

| COLADA | | | | | | | | | | | | |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|--|--|--|--|
| 492053 | SPC05137 | SPC05138 | SPC05139 | SPC05140 | SPC05141 | SPC05142 | SPC05143 | | | | | |
| 492055 | SPC05144 | SPC05145 | SPC05146 | SPC05147 | SPC05148 | SPC05152 | SPC05153 | SPC05154 | | | | |

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