

CERTIFICADO DE CALIDAD DE PRODUCTO TERMINADO

DATOS GENERALES:

FECHA/HORA: 04/12/15 11:55:31

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

PEDIDO: 020897 CONTRA 22538 REMISION: 0090408-1

PRODUCTO: SOLERA 6X3/8" 152.4X9.52MM GRADO DE ACERO ASTM A36/A36M-08

CANTIDAD EMBARCADA 12.434 TONS

ESPECIFICACION A6/A6M-10 EMBARQUE: JOSE LUIS RAMIREZ

PESO TEORICO PRODUCTO:11.395 KGS/MT LONGITUD(Mts) 6.10 TERMINADO:

ANALISIS QUIMICOS:

| COLADA | % P | % S | % Sn | % C | % Cu | % Mo | % Si | % Ni | % Cr | % V | % Mn | % Nb |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 316789 | .0120 | .0310 | .0200 | .2000 | .2600 | .0120 | .2900 | .1400 | .0700 | .0010 | .6800 | .0020 |
| 316795 | .0170 | .0340 | .0230 | .1800 | .2400 | .0370 | .2600 | .1400 | .0900 | .0020 | .7600 | .0010 |
| 316796 | .0150 | .0350 | .0240 | .1800 | .2400 | .0250 | .2400 | .2500 | .0900 | .0010 | .6900 | .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 |
|--------|---------------------------|---------------------------|-------------------|-----------------------|-----------------------|----------------------|
| 316789 | 51,880 | 73,882 | 26 | | | |
| 316795 | 51,936 | 73,722 | 27 | | | |
| 316796 | 50,634 | 72,343 | 27 | | | |

ATADOS DE LA COLADA

COLADA

316789 SPL00460

316795 SPL00487 SPL00489

316796 SPL00462 SPL00465 SPL00485

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