

CERTIFICADO DE CALIDAD DE PRODUCTO TERMINADO

DATOS GENERALES:

FECHA/HORA: 28/07/17 17:29:08

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

PEDIDO: 025881 CONTRA 25614/25613 REMISION: 0118453-1

PRODUCTO: VIGA IPS 5" 127MM GRADO DE ACERO ASTM A36/A36M-08

CANTIDAD EMBARCADA 24.134 TONS

ESPECIFICACION PRODUCTO: A6/A6M-10 EMBARQUE: ZARAGOZA

PESO TEORICO PRODUCTO:14.881 KGS/MT LONGITUD(Mts) 12.20 TERMINADO:

ANALISIS QUIMICOS:

| COLADA | % P | % S | % Sn | % C | % Cu | % Mo | % Si | % Ni | % Cr | % V | % Mn | % Ti | % Nb |
|--------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|-------|
| 326918 | .0110 | .0190 | .0290 | .1700 | .2500 | .0280 | .230 | .140 | .150 | .002 | .620 | .002 | .0010 |
| 326924 | .0100 | .0260 | .0250 | .1900 | .3100 | .0210 | .230 | .090 | .110 | .002 | .820 | .002 | .0010 |

ANALISIS MECANICOS Y FISICOS:

| COLADA | LIMITE ELASTICO (LB/IN2) | ESFUERZO MAXIMO (LB/IN2) | ALARGAMIENTO (%) | CHARPY V-NOTCH (J) PROMEDIO | CHARPY V-NOTCH (J) | | | CHARPY V-NOTCH TEMP C |
|--------|--------------------------|--------------------------|------------------|-----------------------------|--------------------|----|----|-----------------------|
| | | | | | T1 | T2 | T3 | |
| 326918 | 48,682 | 70,152 | 27 | | | | | |
| 326924 | 53,688 | 75,750 | 28 | | | | | |

| COLADA | CHARPY V-NOTCH (LB/FT) PROMEDIO | | | CHARPY V-NOTCH (LB/FT) | | | CHARPY V-NOTCH TEMP F |
|--------|---------------------------------|----|----|------------------------|----|----|-----------------------|
| | T1 | T2 | T3 | T1 | T2 | T3 | |
| 326918 | | | | | | | |
| 326924 | | | | | | | |

ATADOS DE LA COLADA

| COLADA | | | | | | | | | | | | |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--|--|
| 326918 | DRG02233 | DRG02234 | DRG02235 | | | | | | | | | |
| 326924 | DRG02213 | DRG02217 | DRG02220 | DRG02224 | DRG02225 | DRG02226 | DRG02227 | DRG02228 | DRG02229 | DRG02230 | | |
| 326924 | DRG02231 | | | | | | | | | | | |

