



FLM-005-7

PROCARSA, S.A. DE C.V.

**CERTIFICADO DE CALIDAD
DE PRUEBAS FISICAS-QUIMICAS**

QUALITY CERTIFICATE OF TEST PHYSICALS-CHEMICAL

| | | | |
|-----------------------|------------------------------------|--------|----------------|
| CIENTE: | PLESA ANAHUAC Y CIAS. S.A. DE C.V. | NUMERO | PTM-6671-2008 |
| CUSTOMER: | | NUMBER | |
| PEDIDO CLIENTE / P.O. | | FECHA | JUNIO 05, 2008 |
| PEDIDO INTERNO / I.O. | 1586 | DATE | |
| PARTIDA(S) | | | |
| ITEMS | 88269-140 | | |

| | | | | | | | |
|--------|-----------|------------------|--------|---------|-------------|-----------------------|-----|
| TAMAÑO | 10" X 10" | ESPESOR DE PARED | 0.375" | GRADO : | ASTM A500-B | PRESION HIDROSTATICA: | N/A |
| SIZE: | | WALL THICKNESS | | GRADE : | | HIDROSTATIC TEST: | |

PRUEBAS DE TENSION
TENSILE TEST

| NUMPROBETA DESCRIPTION | COLADA HEAT | LIMITE ELASTICO YIELD STRENGTH (P.S.I.) | ULTIMA TENSION TENSILE STRENGTH (P.S.I.) | % ELONG. 2" | DEUT Y.S.T.S | CHEMICAL ANALYSES PERCENT WEIGHT | | | | | | | | | | | | | | | |
|---------------------------|----------------|---|--|----------------|-----------------|----------------------------------|------|-------|-------|----|---|----|-------|-------|-------|--------|-------|-------|----|---|---|
| | | | | | | C | Mn | P | S | Cb | V | Ti | Si | Cu | Al | Ca | Cr | Ni | Mo | N | C |
| 3-5 Lc | 170443 | 51 759 | 62 000 | 33 | 0.83 | 0.127 | 0.77 | 0.015 | 0.007 | - | - | - | 0.281 | 0.030 | 0.050 | 0.0024 | 0.020 | 0.020 | - | - | |

CERTIFICAMOS QUE LA TUBERIA AQUI DESCRITA CUMPLE Y HA SIDO FABRICADA, MUESTREADA, PROBADA E INSPECCIONADA DE ACUERDO CON LOS REQUISITOS APLICABLES DE LA ESPECIFICACION:

WE CERTIFY THE PIPE ABOVE MENTIONED ACCOMPLISH AND HAS BEEN MANUFACTURED, SAMPLED, TESTED AND INSPECTED IN ACCORDANCE WITH APPLICABLE REQUIREMENTS OF SPECIFICATIONS:

ASTM

ING. FERNANDO OSORIO PEREZ
 GERENTE DE ASESURAMIENTO DE CALIDAD
 QUALITY ASSURANCE MANAGER