PYTCO S.A. DE C.V.

Libramiento Carlos Salinas de Gortari No. 1500 K.m. 8,5
Cd. Frontera, Coahuila; México C.P. 25640 Tel. 018666 649 1300

# CERTIFICADO DEL PRODUCTO

CERTIFICADO N°: 35225
No. DE EMBARQUE: 35225
HOJA: 1 DE: 1

**CLIENTE:** PLESA ANAHUAC Y CIAS SA DE CV
**DIRECCION:** AV. VALLE DE LAS ALAMEDAS 66-0
TULTITLAN MEXICO

**No. DE PEDIDO:** N 15186 **FECHA:** 18/09/2017

| PART. | CANT. | UNIDAD | PESO (kg) | LONG. (m) | No. COLADA | DESCRIPCION | CEDULA/ ESPESOR | ESPEC. | GRADO | TIPO | PRESION (PSI) | RECUBRIMIENTO | REQ. ESPECIALES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 57 | PZAS | 14,640 | 6.20 | 175908 | TUBO DE 8" DIAM. NOMINAL | 0.322" | ASTM A53 | B | ERW | 1570 | BARNIZADO | LISO |
| | | | | | 175906 | TUBO DE 8" DIAM. NOMINAL | 0.322" | ASTM A53 | B | ERW | 1570 | BARNIZADO | LISO |
| | | | | | SQ35204 | TUBO DE 8" DIAM. NOMINAL | 0.322" | ASTM A53 | B | ERW | 1570 | BARNIZADO | LISO |
| 2 | 73 | PZAS | 14,690 | 6.20 | 172728 | TUBO DE 8" DIAM. NOMINAL | 0.250" | ASTM, A53 | B | ERW | 1220 | BARNIZADO | LISO |
| | | | | | 174730 | TUBO DE 8" DIAM. NOMINAL | 0.250" | ASTM, A53 | B | ERW | 1220 | BARNIZADO | LISO |
| | | | | | 176396 | TUBO DE 8" DIAM. NOMINAL | 0.250" | ASTM, A53 | B | ERW | 1220 | BARNIZADO | LISO |

| No. COLADA | C | Mn | P | S | Si | Cu | Cr | Ni | Mo | V | LIMITE ELASTICO (PSI) | ULTIMA TENSION (PSI) | % ELONGACION |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 175908 | 0.180 | 1.140 | 0.013 | 0.005 | 0.260 | 0.019 | 0.022 | 0.021 | 0.006 | 0.002 | 63800 | 73000 | 37% |
| | | | | | | | | | | | N/A | 74700 | N/A |
| 175906 | 0.190 | 1.140 | 0.014 | 0.006 | 0.280 | 0.019 | 0.022 | 0.017 | 0.005 | 0.002 | 60500 | 76000 | 35% |
| | | | | | | | | | | | N/A | 78700 | N/A |
| SQ35204 | 0.065 | 0.995 | 0.011 | 0.001 | 0.173 | 0.010 | 0.018 | 0.009 | 0.003 | 0.002 | 66600 | 77300 | 35% |
| | | | | | | | | | | | N/A | 82100 | N/A |
| 172728 | 0.190 | 1.150 | 0.014 | 0.005 | 0.270 | 0.019 | 0.022 | 0.020 | 0.005 | 0.003 | 57000 | 73000 | 35% |
| | | | | | | | | | | | N/A | 78600 | N/A |
| 174730 | 0.200 | 1.140 | 0.015 | 0.005 | 0.270 | 0.020 | 0.018 | 0.021 | 0.006 | 0.002 | 53300 | 75500 | 35% |
| | | | | | | | | | | | N/A | 79200 | N/A |
| 176396 | 0.170 | 1.130 | 0.015 | 0.006 | 0.270 | 0.019 | 0.018 | 0.019 | 0.006 | 0.003 | 57000 | 75100 | 35% |
| | | | | | | | | | | | N/A | 77800 | N/A |

OBSERVACIONES:

PYTCO S.A. DE C.V.
DEPTO. DE CALIDAD
CERTIFICADO

CERTIFICA
P.A. Edgar Ortiz
ING. JOSE ANGEL VILLARREAL
GERENTE DE CALIDAD.

F-LM-07a