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**CERTIFICADO DE CALIDAD / CERTIFICATE OF TEST
 AND ANALYSIS**

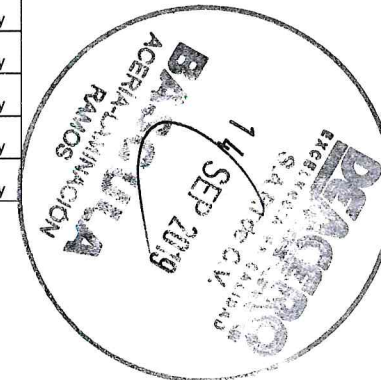
| | |
|-----------------------------------|-------------------|
| No. Certificado / Certificate No: | 154041 - 22289381 |
| Fecha / Date: | 14/09/2019 |

Hecho en México / Made in Mexico

| DATOS DEL CLIENTE / SOLD TO | | CLIENTE CONSIGNADO / SHIP TO | DATOS DEL EMBARQUE / SHIPPING INFORMATION |
|--|--------------------------------|---|---|
| Cliente / Customer: PLESA ANAHUAC Y CIAS SA DE CV | | Cliente / Customer: MATRIZ TULTITLAN | Núm. Viaje / Travel No: 154041 |
| Dirección / Address: AV VALLE DE LAS ALAMEDAS 66 0 SAN FRANCISCO CHILPAN | | Dirección / Address: AV VALLE DE LAS ALAMEDAS 66 0 66 SAN FRANCISCO CHILPAN | Núm. Factura / Invoice No: FQ90450 |
| Ciudad / City: TULTITLAN | Estado / State: EDO. DE MEXICO | Ciudad / City: TULTITLAN | Estado / State: EDO. DE MEXICO |
| Teléfono / Phone: 10838570 | | País / Country: MEXICO C.P./ZIP 54940 | |
| Correo Electrónico / eMail: | | Núm. Plan / Shipping Plan: 162235 | |
| | | Fecha Embarque / Date: 14/09/2019 | |
| | | Orden de Compra / Purchase Order: 28848 | |

| COMPOSICIÓN QUÍMICA / CHEMICAL COMPOSITION (% PESO / WEIGHT) | | | | | | | | | | | | | | | | | | |
|--|----------------------|--------------|--|------|------|------|-------|-------|------|------|------|-------|-------|-------|------------|--------|-------|------|
| Colada / Heat | Secuencia / Sequence | Clave / Code | Producto / Description of Goods | % C | % Mn | % Si | % P | % S | % Cu | % Cr | % Ni | % Mo | % Sn | % Ti | % V | PPM Nb | PPM N | CE |
| | | | | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG |
| 37787 | 14107 | 60222 | SOLERA 1" x 3/16" A-36 P 6.10m 2.0T | 0.16 | 0.66 | 0.19 | 0.008 | 0.014 | 0.30 | 0.10 | 0.09 | 0.025 | 0.012 | 0.001 | 0.005 | 11 | 96 | 0.32 |
| 37794 | 14072 | 60222 | SOLERA 1" x 3/16" A-36 P 6.10m 2.0T | 0.14 | 0.66 | 0.22 | 0.008 | 0.012 | 0.31 | 0.07 | 0.08 | 0.019 | 0.011 | 0.001 | 0.006 | 10 | 94 | 0.29 |
| 37953 | 2624 | 60281 | ANGULO LI 1" x 1" x 1/8" A-36 P 6.10m 1.1T | 0.21 | 0.79 | 0.21 | 0.008 | 0.005 | 0.27 | 0.10 | 0.07 | 0.019 | 0.010 | 0.001 | 0.010 2 | 15 | 104 | 0.37 |
| 37953 | 2628 | 60281 | ANGULO LI 1" x 1" x 1/8" A-36 P 6.10m 1.1T | 0.21 | 0.79 | 0.21 | 0.008 | 0.005 | 0.27 | 0.10 | 0.07 | 0.019 | 0.010 | 0.001 | 0.010 2 | 15 | 104 | 0.37 |
| 36845 | 43388 | 60297 | ANGULO LI 4" x 4" x 1/4" A-36 P 6.10m 2.0T | 0.20 | 0.70 | 0.18 | 0.009 | 0.012 | 0.22 | 0.11 | 0.09 | 0.024 | 0.011 | 0.001 | 0.003 3 | 11 | 104 | 0.34 |

| PROPIEDADES MECÁNICAS / MECHANICAL PROPERTIES | | | | | | | | | | | |
|---|----------------------|--------------|--|--------------------|-------------------|--------|---------|-----------------|--------|---------|-----------------------|
| Colada / Heat | Secuencia / Sequence | Clave / Code | Producto / Description of Goods | Calibre / Diameter | Cantidad / Bundle | RT | TS | % Elong / Elong | LF | YS | P. Doble / Bend Test |
| | | | | | | kg/mm² | PSI | AVG | kg/mm² | PSI | AVG |
| 37787 | 14107 | 60222 | SOLERA 1" x 3/16" A-36 P 6.10m 2.0T | 1" x 3/16" | 1 | 51.5 | 73355.6 | 24.7 | 34.1 | 48652.3 | Cumple / Successfully |
| 37794 | 14072 | 60222 | SOLERA 1" x 3/16" A-36 P 6.10m 2.0T | 1" x 3/16" | 1 | 48.0 | 68375.1 | 33.5 | 36.4 | 51868.3 | Cumple / Successfully |
| 37953 | 2624 | 60281 | ANGULO LI 1" x 1" x 1/8" A-36 P 6.10m 1.1T | 1" x 1" x 1/8" | 2 | 51.6 | 73452.4 | 27.7 | 43.5 | 61934.6 | Cumple / Successfully |
| 37953 | 2628 | 60281 | ANGULO LI 1" x 1" x 1/8" A-36 P 6.10m 1.1T | 1" x 1" x 1/8" | 3 | 51.6 | 73452.4 | 24.5 | 43.5 | 61934.6 | Cumple / Successfully |
| 36845 | 43388 | 60297 | ANGULO LI 4" x 4" x 1/4" A-36 P 6.10m 2.0T | 4" x 4" x 1/4" | 2 | 48.2 | 68638.4 | 24.7 | 32.5 | 46376.9 | Cumple / Successfully |



Certificamos que este material ha sido producido, inspeccionado y probado de acuerdo a las normas de fabricación del acero aplicables a la ASTM A36-2008, A529-2005 (re aprobada el 2009), A572-2012 y A992-2011 y a las normas dimensionales NMX B252, ASTM A6/A6M-2012. / We certify that this material has been produced, inspected and tested according to standards applicable steelmaking to ASTM A36-2008, A529-2005 (Reapproved 2009), A572-2012 y A992-2011, and the dimensional standards NMX B252, ASTM A6/A6M-2012.



[Signature]

JUAN ALEJANDRO GALVAN GARCIA
 Gerente de Aseguramiento de Calidad / Quality Assurance Manager