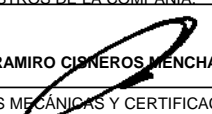




|           |                                      |               |            |        |   |   |
|-----------|--------------------------------------|---------------|------------|--------|---|---|
| CLIENTE   | PLESA ANAHUAC Y CIAS, S.A. DE C.V.   | FECHA EMISION | 20.01.2015 | PAGINA | 1 | NOSOTROS CERTIFICAMOS QUE LOS ANALISIS Y/O PRUEBAS MOSTRADAS EN ESTE REPORTE SON CORRECTOS Y ESTAN CONTENIDOS EN LOS REGISTROS DE LA COMPANIA.<br><br><br>ING. RAMIRO CISNEROS MENCHACA<br>PRUEBAS MECANICAS Y CERTIFICACION |
| DIRECCION | AV. VALLE DE LAS ALAMEDAS No. 66-0 . |               |            |        |   |   |
| PRODUCTO  | Vigas                                |               |            |        |   |   |

| COMPOSICION QUIMICA |                    |             |               |             |             |        |          |             |              |       |            |       |       |       |
|---------------------|--------------------|-------------|---------------|-------------|-------------|--------|----------|-------------|--------------|-------|------------|-------|-------|-------|
| COLADA              | ESPECIFICACION     | C           | MN            | P           | S           | SI     | CU       | CR          | NI           | MO    | ALT        | V     | NB/CB | TI    |
| 150252              | ASTM A-36/A-572-50 | 0.158       | 0.854         | 0.019       | 0.004       | 0.176  | 0.014    | 0.039       | 0.018        | 0.005 | 0.038      | 0.003 | 0.007 | 0.002 |
| PRUEBAS AL PRODUCTO |                    |             |               |             |             |        |          |             |              |       |            |       |       |       |
| COLADA              | NO. PAQUETE        | L.ELASTICO  |               | R.TENSION   |             | %ELON. |          | T.ELONG.    |              |       |            |       |       |       |
| 150252              | 261500926A         | 55.367(KSI) |               | 71.419(KSI) |             | 27(%)  |          | 8           |              |       |            |       |       |       |
| 150252              | 261500927A         | 56.664(KSI) |               | 73.687(KSI) |             | 25(%)  |          | 8           |              |       |            |       |       |       |
| PRODUCTO EMBARCADO  |                    |             |               |             |             |        |          |             |              |       |            |       |       |       |
| COLADA              | NO. PAQUETE        | NO. PZAS.   | PERALTE(Plg.) |             | PATIN(Plg.) |        | LARGO(m) | PESO(Kg/mt) | PED. CLIENTE |       | PEDIDO     |       |       |       |
| 150252              | 261500926A         | 18          | 18.0000       |             | 6.0000      |        | 12.2000  | 52.100      | 18756        |       | 0000161821 |       |       |       |
| 150252              | 261500931A         | 18          | 18.0000       |             | 6.0000      |        | 12.2000  | 52.100      | 18756        |       | 0000161821 |       |       |       |
| 150252              | 261500934A         | 18          | 18.0000       |             | 6.0000      |        | 12.2000  | 52.100      | 18756        |       | 0000161821 |       |       |       |
| COLADA              | NO. PAQUETE        | PARTIDA     |               | ENTREGA     |             |        |          |             |              |       |            |       |       |       |
| 150252              | 261500926A         | 000100      |               | 1002059448  |             |        |          |             |              |       |            |       |       |       |
| 150252              | 261500931A         | 000100      |               | 1002059448  |             |        |          |             |              |       |            |       |       |       |
| 150252              | 261500934A         | 000100      |               | 1002059448  |             |        |          |             |              |       |            |       |       |       |
| FIN DE DATOS        |                    |             |               |             |             |        |          |             |              |       |            |       |       |       |

EL COMPROMISO DE AHMSA ES SOLO CON EL CLIENTE INDICADO EN ESTE CERTIFICADO, Y SOLO ACEPTAMOS EL DOCUMENTO ORIGINAL. EMITIO : S118534