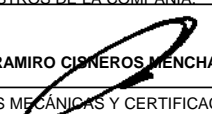




|           |                                      |               |            |        |   |   |
|-----------|--------------------------------------|---------------|------------|--------|---|---|
| CLIENTE   | PLESA ANAHUAC Y CIAS, S.A. DE C.V.   | FECHA EMISION | 09.01.2015 | PAGINA | 1 | NOSOTROS 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  | ROLLO STECKEL                        |               |            |        |   |   |

| COMPOSICION QUIMICA |                         |               |               |             |             |            |             |       |       |       |       |       |              |
|---------------------|-------------------------|---------------|---------------|-------------|-------------|------------|-------------|-------|-------|-------|-------|-------|--------------|
| COLADA              | ESPECIFICACION          | C             | Mn            | P           | S           | Si         | Cu          | Cr    | Ni    | Mo    | Alt   | V     | Nb(Cb) N2    |
| 2411989             | ASTM A 283 C/ASTM A 36. | 0.182         | 0.818         | 0.020       | 0.006       | 0.1219     | 0.013       | 0.023 | 0.015 | 0.005 | 0.037 | 0.003 | 0.001 0.0063 |
| PRUEBAS AL PRODUCTO |                         |               |               |             |             |            |             |       |       |       |       |       |              |
| COLADA              | NO.ROLLO                | PLANCHON      | ESPEJOR(Plg.) | L.ELASTICO  | R.TENSION   | %ELON.     | T.ELONG.    |       |       |       |       |       |              |
| 2411989             | S1528017                | 7040          | 0.2500        | 51.989(KSI) | 70.218(KSI) | 36(%)      | 2           |       |       |       |       |       |              |
| 2411989             | S1528015                | 7060          | 0.2500        | 48.428(KSI) | 68.647(KSI) | 41(%)      | 2           |       |       |       |       |       |              |
| PRODUCTO EMBARCADO  |                         |               |               |             |             |            |             |       |       |       |       |       |              |
| COLADA              | NO.ROLLO                | ESPEJOR(Plg.) | ANCHO(Plg.)   | PEDIDO      | PARTIDA     | ENTREGA    | PED.CLIENTE |       |       |       |       |       |              |
| 2411989             | S1528015                | 0.2500        | 96.0000       | 0000165336  | 000070      | 1002055147 | 19999       |       |       |       |       |       |              |
| 2411989             | S1528015                | 50%A6         |               |             |             |            |             |       |       |       |       |       |              |

FIN DE DATOS

EMITIO : S118512