



|           |                                      |               |            |        |   |   |
|-----------|--------------------------------------|---------------|------------|--------|---|---|
| CLIENTE   | PLESA ANAHUAC Y CIAS, S.A. DE C.V.   | FECHA EMISION | 07.08.2014 | 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><b>ING. RAMIRO CISNEROS MENCHACA</b><br><br>PRUEBAS MECANICAS Y CERTIFICACION |
| DIRECCION | AV. VALLE DE LAS ALAMEDAS No. 66-0 . |               |            |        |   |   |
| PRODUCTO  | Lam.rol.frío temp.tenson rollo       |               |            |        |   |   |

| COMPOSICION QUIMICA |                |        |        |       |       |       |       |       |       |       |       |       |        |       |       |  |
|---------------------|----------------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|--|
| COLADA              | ESPECIFICACION | C      | Mn     | P     | S     | Si    | Cu    | Cr    | Ni    | Mo    | Alt   | V     | Nb(Cb) | Ti    | Sn    |  |
| 247148              | SAE J403 1008  | 0.057  | 0.177  | 0.009 | 0.010 | 0.009 | 0.023 | 0.016 | 0.020 | 0.003 | 0.047 | 0.002 | 0.001  | 0.001 | 0.008 |  |
| 443751              | SAE J403 1008  | 0.060  | 0.176  | 0.013 | 0.015 | 0.013 | 0.025 | 0.020 | 0.018 | 0.006 | 0.058 | 0.001 | 0.002  | 0.001 | 0.003 |  |
| COLADA              | Als            | N2     | B      |       |       |       |       |       |       |       |       |       |        |       |       |  |
| 247148              | 0.047          | 0.0050 | 0.0001 |       |       |       |       |       |       |       |       |       |        |       |       |  |
| 443751              | 0.054          | 0.0074 | 0.0002 |       |       |       |       |       |       |       |       |       |        |       |       |  |

| PRUEBAS AL PRODUCTO |          |               |        |
|---------------------|----------|---------------|--------|
| COLADA              | NO.ROLLO | ESPELOR(Plg.) | DUREZA |
| 247148              | 6459086A | 0.0418        | 57(RB) |
| 247148              | 6459086B | 0.0418        | 57(RB) |
| 443751              | 6442100X | 0.0598        | 50(RB) |
| 443751              | 6454017A | 0.0598        | 60(RB) |
| 443751              | 6454017B | 0.0598        | 60(RB) |

| PRODUCTO EMBARCADO |          |               |             |            |         |            |             |
|--------------------|----------|---------------|-------------|------------|---------|------------|-------------|
| COLADA             | NO.ROLLO | ESPELOR(Plg.) | ANCHO(Plg.) | PEDIDO     | PARTIDA | ENTREGA    | PED.CLIENTE |
| 247148             | 6459086A | 0.0418        | 48.0000     | 0000158844 | 000040  | 1001979318 | 18787       |
| 247148             | 6459086B | 0.0418        | 48.0000     | 0000158844 | 000040  | 1001979318 | 18787       |
| 443751             | 6442100X | 0.0598        | 48.0000     | 0000158844 | 000010  | 1001979318 | 18787       |
| 443751             | 6454017A | 0.0598        | 48.0000     | 0000158844 | 000010  | 1001979318 | 18787       |
| 443751             | 6454017B | 0.0598        | 48.0000     | 0000158844 | 000010  | 1001979318 | 18787       |
| COLADA             | NO.ROLLO | NORMA         |             |            |         |            |             |
| 247148             | 6459086A | AH/5%         |             |            |         |            |             |
| 247148             | 6459086B | AH/5%         |             |            |         |            |             |
| 443751             | 6442100X | AH/5%         |             |            |         |            |             |
| 443751             | 6454017A | AH/5%         |             |            |         |            |             |
| 443751             | 6454017B | AH/5%         |             |            |         |            |             |

FIN DE DATOS

EMITIO : S118534