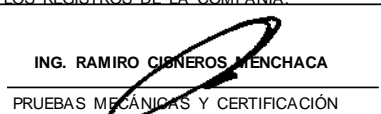




|  |                                    |                    |  |
|--|------------------------------------|--------------------|--|
| <b>CLIENTE</b><br>PLESA ANAHUAC Y CIAS, S.A. DE C.V.     | <b>FECHA EMISION</b><br>31.07.2012 | <b>PAGINA</b><br>1 | NOSOTROS CERTIFICAMOS QUE LOS ANALISIS Y/O PRUEBAS MOSTRADAS EN ESTE REPORTE SON CORRECTOS Y ESTAN CONTENIDOS EN LOS REGISTROS DE LA COMPANIA.<br><br><br><b>ING. RAMIRO CISNEROS MENCHACA</b><br>PRUEBAS MECANICAS Y CERTIFICACION |
| <b>DIRECCION</b><br>AV. VALLE DE LAS ALAMEDAS No. 66-0 . |                                    |                    |  |
| <b>PRODUCTO</b><br>PLACA ANCHA                           |                                    |                    |  |

| COMPOSICION QUIMICA |                                  |       |       |       |       |       |       |       |       |       |       |       |       |    |  |
|---------------------|----------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|--|
| COLADA              | ESPECIFICACION                   | C     | Mn    | P     | S     | Si    | Cu    | Cr    | Ni    | Mo    | Alt   | V     | Cb    | Ti |  |
| 124867              | ASTM A36/ASME SA36 ED10AD110.170 | 0.884 | 0.017 | 0.005 | 0.187 | 0.026 | 0.025 | 0.020 | 0.005 | 0.042 | 0.001 | 0.002 | 0.002 |    |  |
| 125200              | ASTM A36/ASME SA36 ED10AD110.177 | 0.886 | 0.016 | 0.007 | 0.212 | 0.027 | 0.020 | 0.020 | 0.005 | 0.042 | 0.001 | 0.002 | 0.003 |    |  |
| 125294              | ASTM A 572 50 T1 REV12           | 0.175 | 1.420 | 0.016 | 0.005 | 0.176 | 0.026 | 0.021 | 0.018 | 0.040 | 0.002 | 0.016 | 0.011 |    |  |
| 125527              | ASTM A36/ASME SA36 ED10AD110.179 | 0.830 | 0.018 | 0.004 | 0.125 | 0.020 | 0.019 | 0.017 | 0.004 | 0.029 | 0.003 | 0.001 | 0.003 |    |  |
| 225453              | ASTM A36/ASME SA36 ED10AD110.129 | 0.581 | 0.020 | 0.007 | 0.021 | 0.035 | 0.022 | 0.015 | 0.007 | 0.040 | 0.004 | 0.003 | 0.002 |    |  |
| 225459              | ASTM A36/ASME SA36 ED10AD110.170 | 0.849 | 0.022 | 0.004 | 0.125 | 0.032 | 0.021 | 0.013 | 0.006 | 0.032 | 0.004 | 0.002 | 0.002 |    |  |

| PRUEBAS AL PRODUCTO |          |          |               |             |             |        |          |
|---------------------|----------|----------|---------------|-------------|-------------|--------|----------|
| COLADA              | PLANCHON | NO.PLACA | ESPEJOR(Plg.) | L.ELASTICO  | R.TENSION   | %ELON. | T.ELONG. |
| 124867              | 3130     | 71104671 | 1.0000        | 40.834(KSI) | 68.103(KSI) | 26(%)  | 8        |
| 124867              | 4030     | 71101591 | 1.2500        | 38.367(KSI) | 65.619(KSI) | 24(%)  | 8        |
| 124867              | 4080     | 71070581 | 1.1250        | 39.522(KSI) | 66.693(KSI) | 24(%)  | 8        |
| 124867              | 4110     | 71101871 | 0.8750        | 37.512(KSI) | 63.983(KSI) | 29(%)  | 8        |
| 124867              | 4120     | 71070571 | 1.1250        | 38.915(KSI) | 65.669(KSI) | 26(%)  | 8        |
| 125200              | 3010     | 71361971 | 0.6250        | 45.571(KSI) | 69.599(KSI) | 26(%)  | 8        |
| 125200              | 3020     | 71362061 | 0.7500        | 41.879(KSI) | 67.590(KSI) | 25(%)  | 8        |
| 125200              | 3060     | 71321851 | 1.0000        | 39.626(KSI) | 65.896(KSI) | 24(%)  | 8        |
| 125200              | 4010     | 71362073 | 0.7500        | 41.916(KSI) | 67.629(KSI) | 23(%)  | 8        |
| 125200              | 4050     | 71321831 | 1.0000        | 39.273(KSI) | 63.480(KSI) | 25(%)  | 8        |
| 125200              | 4100     | 71363651 | 1.2500        | 41.877(KSI) | 68.229(KSI) | 24(%)  | 8        |
| 125200              | 4120     | 71362671 | 0.8750        | 40.856(KSI) | 68.244(KSI) | 26(%)  | 8        |
| 125200              | 4140     | 71363771 | 1.2500        | 41.617(KSI) | 66.383(KSI) | 25(%)  | 8        |
| 125294              | 3050     | 71401091 | 0.8750        | 55.199(KSI) | 80.400(KSI) | 50(%)  | 2        |
| 125294              | 3110     | 71462131 | 0.7500        | 57.943(KSI) | 80.949(KSI) | 47(%)  | 2        |
| 125294              | 4030     | 71401101 | 0.8750        | 55.904(KSI) | 81.176(KSI) | 49(%)  | 2        |
| 125294              | 4030     | 71401102 | 0.8750        | 54.449(KSI) | 79.783(KSI) | 49(%)  | 2        |
| 125294              | 4050     | 71602401 | 1.2500        | 57.092(KSI) | 78.188(KSI) | 48(%)  | 2        |
| 125527              | 3040     | 71690771 | 0.5000        | 45.765(KSI) | 67.753(KSI) | 26(%)  | 8        |
| 125527              | 3100     | 71643631 | 0.3750        | 53.154(KSI) | 71.378(KSI) | 25(%)  | 8        |
| 125527              | 4080     | 71640701 | 0.7500        | 41.627(KSI) | 68.232(KSI) | 25(%)  | 8        |
| 125527              | 4180     | 71581201 | 0.2500        | 57.176(KSI) | 74.577(KSI) | 26(%)  | 8        |
| 125527              | 4190     | 71581191 | 0.2500        | 59.125(KSI) | 75.273(KSI) | 28(%)  | 8        |
| 225453              | 3250     | 71600201 | 0.3125        | 56.207(KSI) | 72.158(KSI) | 25(%)  | 8        |

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



|  |                                    |                    |   |
|--|------------------------------------|--------------------|---|
| <b>CLIENTE</b><br>PLESA ANAHUAC Y CIAS, S.A. DE C.V.     | <b>FECHA EMISION</b><br>31.07.2012 | <b>PAGINA</b><br>2 | 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 |
| <b>DIRECCION</b><br>AV. VALLE DE LAS ALAMEDAS No. 66-0 . |                                    |                    |   |
| <b>PRODUCTO</b><br>PLACA ANCHA                           |                                    |                    |   |

| PRUEBAS AL PRODUCTO |          |          |               |             |             |        |          |
|---------------------|----------|----------|---------------|-------------|-------------|--------|----------|
| COLADA              | PLANCHON | NO.PLACA | ESPESOR(Plg.) | L.ELASTICO  | R.TENSION   | %ELON. | T.ELONG. |
| 225453              | 3260     | 71600191 | 0.3125        | 53.805(KSI) | 70.361(KSI) | 24(%)  | 8        |
| 225453              | 4240     | 71640721 | 0.7500        | 45.163(KSI) | 68.952(KSI) | 26(%)  | 8        |
| 225459              | 3140     | 71643551 | 0.3750        | 58.497(KSI) | 74.903(KSI) | 28(%)  | 8        |
| 225459              | 4030     | 71580981 | 0.2500        | 52.921(KSI) | 71.699(KSI) | 27(%)  | 8        |
| 225459              | 4110     | 71640731 | 0.7500        | 46.673(KSI) | 71.683(KSI) | 27(%)  | 8        |
| 225459              | 4150     | 71581291 | 0.2500        | 55.042(KSI) | 71.847(KSI) | 28(%)  | 8        |
| COLADA              | PLANCHON | NO.PLACA | NORMA         |             |             |        |          |
| 124867              | 3130     | 71104671 | N/A           |             |             |        |          |
| 124867              | 4030     | 71101591 | N/A           |             |             |        |          |
| 124867              | 4080     | 71070581 | N/A           |             |             |        |          |
| 124867              | 4110     | 71101871 | N/A           |             |             |        |          |
| 124867              | 4120     | 71070571 | N/A           |             |             |        |          |
| 125200              | 3010     | 71361971 | N/A           |             |             |        |          |
| 125200              | 3020     | 71362061 | N/A           |             |             |        |          |
| 125200              | 3060     | 71321851 | N/A           |             |             |        |          |
| 125200              | 4010     | 71362073 | N/A           |             |             |        |          |
| 125200              | 4050     | 71321831 | N/A           |             |             |        |          |
| 125200              | 4100     | 71363651 | N/A           |             |             |        |          |
| 125200              | 4120     | 71362671 | N/A           |             |             |        |          |
| 125200              | 4140     | 71363771 | N/A           |             |             |        |          |
| 125294              | 3050     | 71401091 | N/A           |             |             |        |          |
| 125294              | 3110     | 71462131 | N/A           |             |             |        |          |
| 125294              | 4030     | 71401101 | N/A           |             |             |        |          |
| 125294              | 4030     | 71401102 | N/A           |             |             |        |          |
| 125294              | 4050     | 71602401 | N/A           |             |             |        |          |
| 125527              | 3040     | 71690771 | N/A           |             |             |        |          |
| 125527              | 3100     | 71643631 | N/A           |             |             |        |          |
| 125527              | 4080     | 71640701 | N/A           |             |             |        |          |
| 125527              | 4180     | 71581201 | N/A           |             |             |        |          |
| 125527              | 4190     | 71581191 | N/A           |             |             |        |          |
| 225453              | 3250     | 71600201 | N/A           |             |             |        |          |
| 225453              | 3260     | 71600191 | N/A           |             |             |        |          |

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|           |                                      |               |            |        |   |   |
|-----------|--------------------------------------|---------------|------------|--------|---|---|
| CLIENTE   | PLESA ANAHUAC Y CIAS, S.A. DE C.V.   | FECHA EMISION | 31.07.2012 | PAGINA | 3 | 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>PRUEBAS MECANICAS Y CERTIFICACION |
| DIRECCION | AV. VALLE DE LAS ALAMEDAS No. 66-0 . |               |            |        |   |   |
| PRODUCTO  | PLACA ANCHA                          |               |            |        |   |   |

| PRUEBAS AL PRODUCTO |          |          |               |             |             |            |         |            |
|---------------------|----------|----------|---------------|-------------|-------------|------------|---------|------------|
| COLADA              | PLANCHON | NO.PLACA |               |             |             | NORMA      |         |            |
| 225453              | 4240     | 71640721 |               |             |             | N/A        |         |            |
| 225459              | 3140     | 71643551 |               |             |             | N/A        |         |            |
| 225459              | 4030     | 71580981 |               |             |             | N/A        |         |            |
| 225459              | 4110     | 71640731 |               |             |             | N/A        |         |            |
| 225459              | 4150     | 71581291 |               |             |             | N/A        |         |            |
| PRODUCTO EMBARCADO  |          |          |               |             |             |            |         |            |
| COLADA              | PLANCHON | NO.PLACA | ESPEJOR(Plg.) | ANCHO(Plg.) | LARGO(Plg.) | PEDIDO     | PARTIDA | ENTREGA    |
| 124867              | 4110     | 71101873 | 0.8750        | 60.0000     | 240.0000    | 0000511956 | 000060  | 1001652161 |
| 125200              | 4040     | 71362451 | 0.8750        | 72.0000     | 240.0000    | 0000512100 | 000040  | 1001652161 |
| 125294              | 3090     | 71602071 | 0.8750        | 72.0000     | 240.0000    | 0000512100 | 000180  | 1001652161 |
| 125527              | 4060     | 71640711 | 0.7500        | 96.0000     | 240.0000    | 0000512100 | 000030  | 1001652161 |
| 125527              | 4080     | 71640701 | 0.7500        | 96.0000     | 240.0000    | 0000512100 | 000030  | 1001652161 |
| 225453              | 4240     | 71640721 | 0.7500        | 96.0000     | 240.0000    | 0000512100 | 000030  | 1001652161 |
| 225459              | 4110     | 71640731 | 0.7500        | 96.0000     | 240.0000    | 0000512100 | 000030  | 1001652161 |
| COLADA              | PLANCHON | NO.PLACA | PED.CLIENTE   | NOR.US.     |             | NORMA      | NORMA   |            |
| 124867              | 4110     | 71101873 | 12873         | N/A         |             | A-6        | N/A     |            |
| 125200              | 4040     | 71362451 | 13103         | N/A         |             | A-6        | N/A     |            |
| 125294              | 3090     | 71602071 | 13103         | N/A         |             | A-6        | N/A     |            |
| 125527              | 4060     | 71640711 | 13103         | N/A         |             | A-6        | N/A     |            |
| 125527              | 4080     | 71640701 | 13103         | N/A         |             | A-6        | N/A     |            |
| 225453              | 4240     | 71640721 | 13103         | N/A         |             | A-6        | N/A     |            |
| 225459              | 4110     | 71640731 | 13103         | N/A         |             | A-6        | N/A     |            |

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