
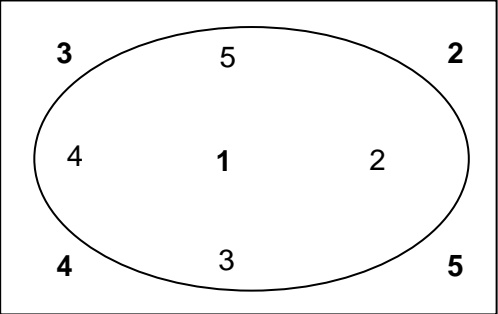


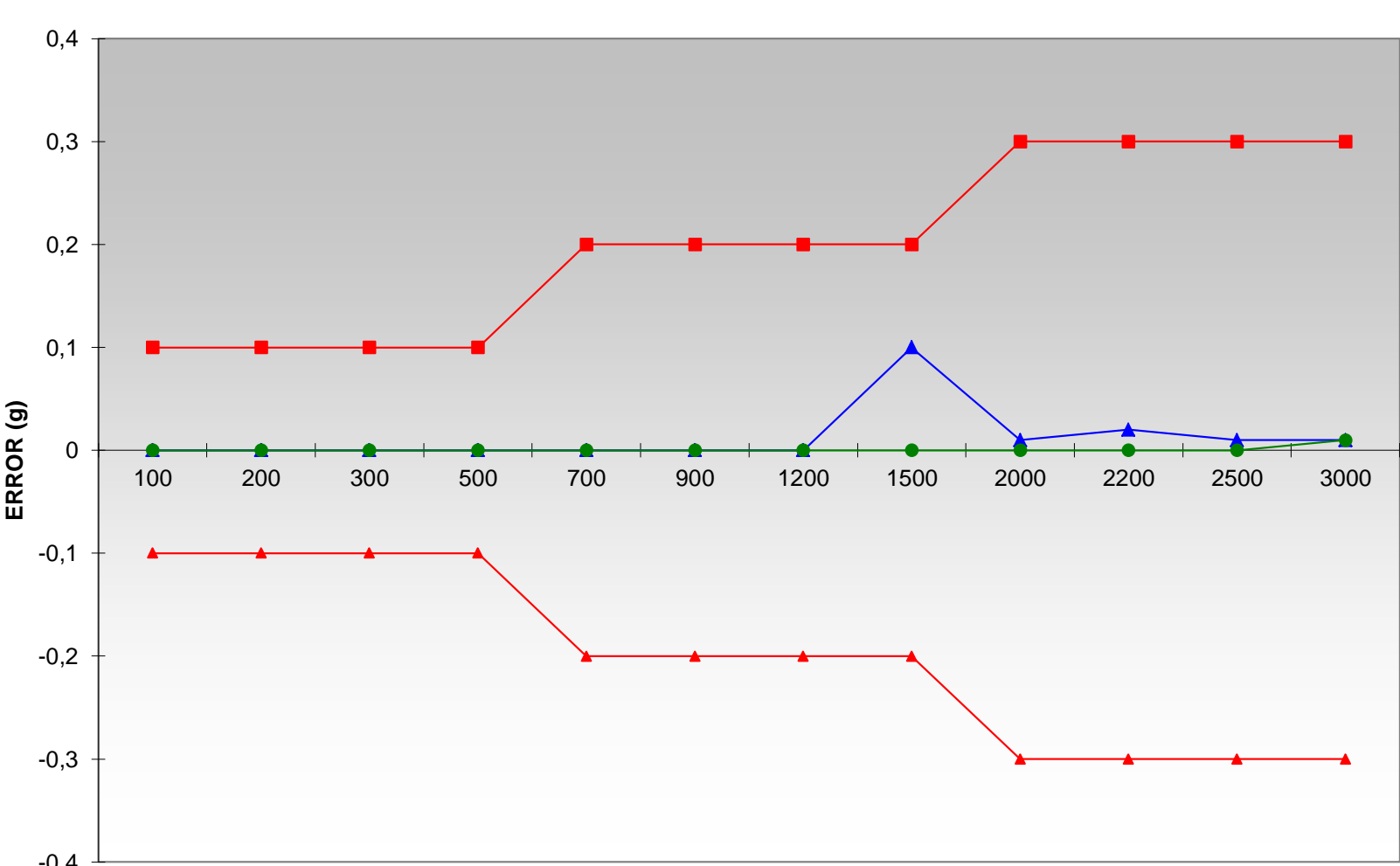
|   |  |                        |
|---|--|------------------------|
|  | FORMATO  | Codigo: FO-GI-005      |
|   | VERIFICACION DE EQUIPOS DE PESAJE ANALOGOS Y DIGITALES | Versión: 006           |
|   |  | Aprobación: 26/02/2010 |

|        |          |                       |         |
|--------|----------|-----------------------|---------|
| FECHA: | 8-feb-22 | UNIDAD DE PRODUCCION: | ALABAMA |
|--------|----------|-----------------------|---------|

| DATOS DEL EQUIPO Y PATRON DE VERIFICACION |                         |                  |                        |                                |        |                         |                        | E.M.P. +- (g) |
|---|-------------------------|------------------|------------------------|--------------------------------|--------|-------------------------|------------------------|---------------|
| No. EQUIPO                                | AK 046                  | CARGA MÁXIMA (g) | 3000                   | RANGO BAJO (g)                 | 10     | A                       | 500                    | 0,1           |
| INSTRUMENTO                               | BALANZA DIGITAL EPB 500 | CARGA MÍNIMO (g) | 0,1                    | RANGO MEDIO (g)                | 1000   | A                       | 1500                   | 0,2           |
|   |                         |                  |                        | RANGO ALTO (g)                 | 2000   | A                       | 3000                   | 0,3           |
|   |                         |                  |                        | DIVISION DE ESCALA / RANGO (g) |        | 0,1                     |                        |               |
| MARCA                                     | BRECKNELL               | CLASE            | ND                     | UBICACIÓN                      | MÓDULO | ESCALA VERIFICACION (g) |                        | 10            |
| JUEGO DE PESAS CLASE:                     |                         | M1               | NUMERO DE CERTIFICADO: | M200374                        |        |                         | FECHA DEL CERTIFICADO: | 27-ago-20     |

| PRUEBAS  |                |       |                 |  |                |       |        |                |       |                 |         |                |   |         |      |      |      |      |   |       |       |       |       |       |       |   |     |   |        |     |        |     |   |     |   |        |     |        |      |   |       |     |      |   |        |      |   |     |   |      |   |      |   |   |     |   |        |     |      |   |   |       |     |        |     |      |   |   |       |     |      |   |      |   |           |             |  |             |  |             |  |                           |             |  |             |  |              |  |        |   |  |   |  |   |  |           |   |  |   |  |   |  |
|--|----------------|-------|-----------------|--|----------------|-------|--------|----------------|-------|-----------------|---------|----------------|---|---------|------|------|------|------|---|-------|-------|-------|-------|-------|-------|---|-----|---|--------|-----|--------|-----|---|-----|---|--------|-----|--------|------|---|-------|-----|------|---|--------|------|---|-----|---|------|---|------|---|---|-----|---|--------|-----|------|---|---|-------|-----|--------|-----|------|---|---|-------|-----|------|---|------|---|-----------|-------------|--|-------------|--|-------------|--|---------------------------|-------------|--|-------------|--|--------------|--|--------|---|--|---|--|---|--|-----------|---|--|---|--|---|--|
| <b>1. PRUEBA DE EXCENTRICIDAD</b><br>( PARA BALANZAS DE PLATAFORMA DIGITALES)  |                |       |                 | <b>3. PRUEBA DE INVARIABILIDAD</b>   |                |       |        |                |       |                 |         |                |   |         |      |      |      |      |   |       |       |       |       |       |       |   |     |   |        |     |        |     |   |     |   |        |     |        |      |   |       |     |      |   |        |      |   |     |   |      |   |      |   |   |     |   |        |     |      |   |   |       |     |        |     |      |   |   |       |     |      |   |      |   |           |             |  |             |  |             |  |                           |             |  |             |  |              |  |        |   |  |   |  |   |  |           |   |  |   |  |   |  |
| <p>FORMA DE PLATAFORMA</p>    |                |       |                 | <table><tr><th rowspan="3">NUMERO</th><th colspan="2">CARGA BAJA (g)</th><th colspan="2">CARGA MEDIA (g)</th><th colspan="2">CARGA ALTA (g)</th></tr><tr><th colspan="2">500</th><th colspan="2">1500</th><th colspan="2">3000</th></tr><tr><th>INDIC</th><th>ERROR</th><th>INDIC</th><th>ERROR</th><th>INDIC</th><th>ERROR</th></tr><tr><td>1</td><td>500</td><td>0</td><td>1500,1</td><td>0,1</td><td>3000,1</td><td>0,1</td></tr><tr><td>2</td><td>500</td><td>0</td><td>1500,1</td><td>0,1</td><td>2999,6</td><td>-0,4</td></tr><tr><td>3</td><td>500,1</td><td>0,1</td><td>1500</td><td>0</td><td>2999,8</td><td>-0,2</td></tr><tr><td>4</td><td>500</td><td>0</td><td>1500</td><td>0</td><td>3000</td><td>0</td></tr><tr><td>5</td><td>500</td><td>0</td><td>1500,1</td><td>0,1</td><td>3000</td><td>0</td></tr><tr><td>6</td><td>500,1</td><td>0,1</td><td>1500,1</td><td>0,1</td><td>3000</td><td>0</td></tr><tr><td>7</td><td>500,1</td><td>0,1</td><td>1500</td><td>0</td><td>3000</td><td>0</td></tr><tr><td><math>\bar{X}</math></td><td colspan="2">500,0428571</td><td colspan="2">1500,057143</td><td colspan="2">2999,928571</td></tr><tr><td><math>\epsilon \bar{X}</math> -carga</td><td colspan="2">0,042857143</td><td colspan="2">0,057142857</td><td colspan="2">-0,071428571</td></tr><tr><td>CUMPLE</td><td colspan="2">X</td><td colspan="2">X</td><td colspan="2">X</td></tr><tr><td>NO CUMPLE</td><td colspan="2" rowspan="2">.</td><td colspan="2">.</td><td colspan="2">.</td></tr></table> |                |       | NUMERO | CARGA BAJA (g) |       | CARGA MEDIA (g) |         | CARGA ALTA (g) |   | 500     |      | 1500 |      | 3000 |   | INDIC | ERROR | INDIC | ERROR | INDIC | ERROR | 1 | 500 | 0 | 1500,1 | 0,1 | 3000,1 | 0,1 | 2 | 500 | 0 | 1500,1 | 0,1 | 2999,6 | -0,4 | 3 | 500,1 | 0,1 | 1500 | 0 | 2999,8 | -0,2 | 4 | 500 | 0 | 1500 | 0 | 3000 | 0 | 5 | 500 | 0 | 1500,1 | 0,1 | 3000 | 0 | 6 | 500,1 | 0,1 | 1500,1 | 0,1 | 3000 | 0 | 7 | 500,1 | 0,1 | 1500 | 0 | 3000 | 0 | $\bar{X}$ | 500,0428571 |  | 1500,057143 |  | 2999,928571 |  | $\epsilon \bar{X}$ -carga | 0,042857143 |  | 0,057142857 |  | -0,071428571 |  | CUMPLE | X |  | X |  | X |  | NO CUMPLE | . |  | . |  | . |  |
| NUMERO   | CARGA BAJA (g) |       | CARGA MEDIA (g) |  | CARGA ALTA (g) |       |        |                |       |                 |         |                |   |         |      |      |      |      |   |       |       |       |       |       |       |   |     |   |        |     |        |     |   |     |   |        |     |        |      |   |       |     |      |   |        |      |   |     |   |      |   |      |   |   |     |   |        |     |      |   |   |       |     |        |     |      |   |   |       |     |      |   |      |   |           |             |  |             |  |             |  |                           |             |  |             |  |              |  |        |   |  |   |  |   |  |           |   |  |   |  |   |  |
|  | 500            |       | 1500            |  | 3000           |       |        |                |       |                 |         |                |   |         |      |      |      |      |   |       |       |       |       |       |       |   |     |   |        |     |        |     |   |     |   |        |     |        |      |   |       |     |      |   |        |      |   |     |   |      |   |      |   |   |     |   |        |     |      |   |   |       |     |        |     |      |   |   |       |     |      |   |      |   |           |             |  |             |  |             |  |                           |             |  |             |  |              |  |        |   |  |   |  |   |  |           |   |  |   |  |   |  |
|  | INDIC          | ERROR | INDIC           | ERROR  | INDIC          | ERROR |        |                |       |                 |         |                |   |         |      |      |      |      |   |       |       |       |       |       |       |   |     |   |        |     |        |     |   |     |   |        |     |        |      |   |       |     |      |   |        |      |   |     |   |      |   |      |   |   |     |   |        |     |      |   |   |       |     |        |     |      |   |   |       |     |      |   |      |   |           |             |  |             |  |             |  |                           |             |  |             |  |              |  |        |   |  |   |  |   |  |           |   |  |   |  |   |  |
| 1  | 500            | 0     | 1500,1          | 0,1  | 3000,1         | 0,1   |        |                |       |                 |         |                |   |         |      |      |      |      |   |       |       |       |       |       |       |   |     |   |        |     |        |     |   |     |   |        |     |        |      |   |       |     |      |   |        |      |   |     |   |      |   |      |   |   |     |   |        |     |      |   |   |       |     |        |     |      |   |   |       |     |      |   |      |   |           |             |  |             |  |             |  |                           |             |  |             |  |              |  |        |   |  |   |  |   |  |           |   |  |   |  |   |  |
| 2  | 500            | 0     | 1500,1          | 0,1  | 2999,6         | -0,4  |        |                |       |                 |         |                |   |         |      |      |      |      |   |       |       |       |       |       |       |   |     |   |        |     |        |     |   |     |   |        |     |        |      |   |       |     |      |   |        |      |   |     |   |      |   |      |   |   |     |   |        |     |      |   |   |       |     |        |     |      |   |   |       |     |      |   |      |   |           |             |  |             |  |             |  |                           |             |  |             |  |              |  |        |   |  |   |  |   |  |           |   |  |   |  |   |  |
| 3  | 500,1          | 0,1   | 1500            | 0  | 2999,8         | -0,2  |        |                |       |                 |         |                |   |         |      |      |      |      |   |       |       |       |       |       |       |   |     |   |        |     |        |     |   |     |   |        |     |        |      |   |       |     |      |   |        |      |   |     |   |      |   |      |   |   |     |   |        |     |      |   |   |       |     |        |     |      |   |   |       |     |      |   |      |   |           |             |  |             |  |             |  |                           |             |  |             |  |              |  |        |   |  |   |  |   |  |           |   |  |   |  |   |  |
| 4  | 500            | 0     | 1500            | 0  | 3000           | 0     |        |                |       |                 |         |                |   |         |      |      |      |      |   |       |       |       |       |       |       |   |     |   |        |     |        |     |   |     |   |        |     |        |      |   |       |     |      |   |        |      |   |     |   |      |   |      |   |   |     |   |        |     |      |   |   |       |     |        |     |      |   |   |       |     |      |   |      |   |           |             |  |             |  |             |  |                           |             |  |             |  |              |  |        |   |  |   |  |   |  |           |   |  |   |  |   |  |
| 5  | 500            | 0     | 1500,1          | 0,1  | 3000           | 0     |        |                |       |                 |         |                |   |         |      |      |      |      |   |       |       |       |       |       |       |   |     |   |        |     |        |     |   |     |   |        |     |        |      |   |       |     |      |   |        |      |   |     |   |      |   |      |   |   |     |   |        |     |      |   |   |       |     |        |     |      |   |   |       |     |      |   |      |   |           |             |  |             |  |             |  |                           |             |  |             |  |              |  |        |   |  |   |  |   |  |           |   |  |   |  |   |  |
| 6  | 500,1          | 0,1   | 1500,1          | 0,1  | 3000           | 0     |        |                |       |                 |         |                |   |         |      |      |      |      |   |       |       |       |       |       |       |   |     |   |        |     |        |     |   |     |   |        |     |        |      |   |       |     |      |   |        |      |   |     |   |      |   |      |   |   |     |   |        |     |      |   |   |       |     |        |     |      |   |   |       |     |      |   |      |   |           |             |  |             |  |             |  |                           |             |  |             |  |              |  |        |   |  |   |  |   |  |           |   |  |   |  |   |  |
| 7  | 500,1          | 0,1   | 1500            | 0  | 3000           | 0     |        |                |       |                 |         |                |   |         |      |      |      |      |   |       |       |       |       |       |       |   |     |   |        |     |        |     |   |     |   |        |     |        |      |   |       |     |      |   |        |      |   |     |   |      |   |      |   |   |     |   |        |     |      |   |   |       |     |        |     |      |   |   |       |     |      |   |      |   |           |             |  |             |  |             |  |                           |             |  |             |  |              |  |        |   |  |   |  |   |  |           |   |  |   |  |   |  |
| $\bar{X}$  | 500,0428571    |       | 1500,057143     |  | 2999,928571    |       |        |                |       |                 |         |                |   |         |      |      |      |      |   |       |       |       |       |       |       |   |     |   |        |     |        |     |   |     |   |        |     |        |      |   |       |     |      |   |        |      |   |     |   |      |   |      |   |   |     |   |        |     |      |   |   |       |     |        |     |      |   |   |       |     |      |   |      |   |           |             |  |             |  |             |  |                           |             |  |             |  |              |  |        |   |  |   |  |   |  |           |   |  |   |  |   |  |
| $\epsilon \bar{X}$ -carga  | 0,042857143    |       | 0,057142857     |  | -0,071428571   |       |        |                |       |                 |         |                |   |         |      |      |      |      |   |       |       |       |       |       |       |   |     |   |        |     |        |     |   |     |   |        |     |        |      |   |       |     |      |   |        |      |   |     |   |      |   |      |   |   |     |   |        |     |      |   |   |       |     |        |     |      |   |   |       |     |      |   |      |   |           |             |  |             |  |             |  |                           |             |  |             |  |              |  |        |   |  |   |  |   |  |           |   |  |   |  |   |  |
| CUMPLE   | X              |       | X               |  | X              |       |        |                |       |                 |         |                |   |         |      |      |      |      |   |       |       |       |       |       |       |   |     |   |        |     |        |     |   |     |   |        |     |        |      |   |       |     |      |   |        |      |   |     |   |      |   |      |   |   |     |   |        |     |      |   |   |       |     |        |     |      |   |   |       |     |      |   |      |   |           |             |  |             |  |             |  |                           |             |  |             |  |              |  |        |   |  |   |  |   |  |           |   |  |   |  |   |  |
| NO CUMPLE  | .              |       | .               |  | .              |       |        |                |       |                 |         |                |   |         |      |      |      |      |   |       |       |       |       |       |       |   |     |   |        |     |        |     |   |     |   |        |     |        |      |   |       |     |      |   |        |      |   |     |   |      |   |      |   |   |     |   |        |     |      |   |   |       |     |        |     |      |   |   |       |     |      |   |      |   |           |             |  |             |  |             |  |                           |             |  |             |  |              |  |        |   |  |   |  |   |  |           |   |  |   |  |   |  |
| <table><tr><th colspan="2">1/3 CARGA MAXIMA (g):</th><th>1000</th></tr><tr><th>PUNTO</th><th>INDICADOR</th><th>ERROR</th></tr><tr><td>1</td><td>1000,01</td><td>0,01</td></tr><tr><td>2</td><td>1000,01</td><td>0,01</td></tr><tr><td>3</td><td>1000</td><td>0</td></tr><tr><td>4</td><td>1000</td><td>0</td></tr><tr><td>5</td><td>1000</td><td>0</td></tr></table> |                |       |                 | 1/3 CARGA MAXIMA (g):  |                | 1000  | PUNTO  | INDICADOR      | ERROR | 1               | 1000,01 | 0,01           | 2 | 1000,01 | 0,01 | 3    | 1000 | 0    | 4 | 1000  | 0     | 5     | 1000  | 0     |       |   |     |   |        |     |        |     |   |     |   |        |     |        |      |   |       |     |      |   |        |      |   |     |   |      |   |      |   |   |     |   |        |     |      |   |   |       |     |        |     |      |   |   |       |     |      |   |      |   |           |             |  |             |  |             |  |                           |             |  |             |  |              |  |        |   |  |   |  |   |  |           |   |  |   |  |   |  |
| 1/3 CARGA MAXIMA (g):  |                | 1000  |                 |  |                |       |        |                |       |                 |         |                |   |         |      |      |      |      |   |       |       |       |       |       |       |   |     |   |        |     |        |     |   |     |   |        |     |        |      |   |       |     |      |   |        |      |   |     |   |      |   |      |   |   |     |   |        |     |      |   |   |       |     |        |     |      |   |   |       |     |      |   |      |   |           |             |  |             |  |             |  |                           |             |  |             |  |              |  |        |   |  |   |  |   |  |           |   |  |   |  |   |  |
| PUNTO  | INDICADOR      | ERROR |                 |  |                |       |        |                |       |                 |         |                |   |         |      |      |      |      |   |       |       |       |       |       |       |   |     |   |        |     |        |     |   |     |   |        |     |        |      |   |       |     |      |   |        |      |   |     |   |      |   |      |   |   |     |   |        |     |      |   |   |       |     |        |     |      |   |   |       |     |      |   |      |   |           |             |  |             |  |             |  |                           |             |  |             |  |              |  |        |   |  |   |  |   |  |           |   |  |   |  |   |  |
| 1  | 1000,01        | 0,01  |                 |  |                |       |        |                |       |                 |         |                |   |         |      |      |      |      |   |       |       |       |       |       |       |   |     |   |        |     |        |     |   |     |   |        |     |        |      |   |       |     |      |   |        |      |   |     |   |      |   |      |   |   |     |   |        |     |      |   |   |       |     |        |     |      |   |   |       |     |      |   |      |   |           |             |  |             |  |             |  |                           |             |  |             |  |              |  |        |   |  |   |  |   |  |           |   |  |   |  |   |  |
| 2  | 1000,01        | 0,01  |                 |  |                |       |        |                |       |                 |         |                |   |         |      |      |      |      |   |       |       |       |       |       |       |   |     |   |        |     |        |     |   |     |   |        |     |        |      |   |       |     |      |   |        |      |   |     |   |      |   |      |   |   |     |   |        |     |      |   |   |       |     |        |     |      |   |   |       |     |      |   |      |   |           |             |  |             |  |             |  |                           |             |  |             |  |              |  |        |   |  |   |  |   |  |           |   |  |   |  |   |  |
| 3  | 1000           | 0     |                 |  |                |       |        |                |       |                 |         |                |   |         |      |      |      |      |   |       |       |       |       |       |       |   |     |   |        |     |        |     |   |     |   |        |     |        |      |   |       |     |      |   |        |      |   |     |   |      |   |      |   |   |     |   |        |     |      |   |   |       |     |        |     |      |   |   |       |     |      |   |      |   |           |             |  |             |  |             |  |                           |             |  |             |  |              |  |        |   |  |   |  |   |  |           |   |  |   |  |   |  |
| 4  | 1000           | 0     |                 |  |                |       |        |                |       |                 |         |                |   |         |      |      |      |      |   |       |       |       |       |       |       |   |     |   |        |     |        |     |   |     |   |        |     |        |      |   |       |     |      |   |        |      |   |     |   |      |   |      |   |   |     |   |        |     |      |   |   |       |     |        |     |      |   |   |       |     |      |   |      |   |           |             |  |             |  |             |  |                           |             |  |             |  |              |  |        |   |  |   |  |   |  |           |   |  |   |  |   |  |
| 5  | 1000           | 0     |                 |  |                |       |        |                |       |                 |         |                |   |         |      |      |      |      |   |       |       |       |       |       |       |   |     |   |        |     |        |     |   |     |   |        |     |        |      |   |       |     |      |   |        |      |   |     |   |      |   |      |   |   |     |   |        |     |      |   |   |       |     |        |     |      |   |   |       |     |      |   |      |   |           |             |  |             |  |             |  |                           |             |  |             |  |              |  |        |   |  |   |  |   |  |           |   |  |   |  |   |  |

| CARGA CRECIENTE (g)   |       |         |       |
|-----------------------|-------|---------|-------|
| TIPO DE CARGA         | CARGA | INDIC   | ERROR |
| CARGA BAJA            | 100   | 100     | 0     |
|                       | 200   | 200     | 0     |
|                       | 300   | 300     | 0     |
|                       | 500   | 500     | 0     |
| CARGA MEDIA           | 700   | 700     | 0     |
|                       | 900   | 900     | 0     |
|                       | 1200  | 1200    | 0     |
|                       | 1500  | 1500,1  | 0,1   |
| CARGA ALTA            | 2000  | 2000,01 | 0,01  |
|                       | 2200  | 2200,02 | 0,02  |
|                       | 2500  | 2500,01 | 0,01  |
|                       | 3000  | 3000,01 | 0,01  |
| CARGA DECRECIENTE (g) |       |         |       |
| CARGA ALTA            | 3000  | 3000,01 | 0,01  |
|                       | 2500  | 2500    | 0     |
|                       | 2200  | 2200    | 0     |
|                       | 2000  | 2000    | 0     |
| CARGA MEDIA           | 1500  | 1500    | 0     |
|                       | 1200  | 1200    | 0     |
|                       | 900   | 900     | 0     |
|                       | 700   | 700     | 0     |
| CARGA BAJA            | 500   | 500     | 0     |
|                       | 300   | 300     | 0     |
|                       | 200   | 200     | 0     |
|                       | 100   | 100     | 0     |



Legend: ■ ERROR MAX PERMITIDO, ▲ ERROR MINIMO PERMITIDO, ▲ ERROR CARGA CRECIENTE, ● ERROR CARGA DECRECIENTE

|        |   |           |   |
|--------|---|-----------|---|
| CUMPLE | X | NO CUMPLE | . |
|--------|---|-----------|---|

OBSERVACIONES: CUMPLE

JOAN VIÑA  
RESPONSABLE