

| Emm | Todas parámetros e indicadores con parámetros | | | | Empaño | | | | FZ MAX-ELU2-Verificación de estado límite último - Puentes e Unidades | | | | MX MAX-ELU2-Verificación de estado límite último - Puentes e Unidades | | | | MY MAX-ELU2-Verificación de estado límite último - Puentes e Unidades | | | | FZ MIN-ELU2-Verificación de estado límite último - Puentes e Unidades | | | | MX MIN-ELU2-Verificación de estado límite último - Puentes e Unidades | | | | MY MIN-ELU2-Verificación de estado límite último - Puentes e Unidades | | | | | | |
|------|---|------|------|------|--------|------|------|------|---|------|------|------|---|------|-----|------|---|------|------|------|---|------|------|------|---|------|------|------|---|------|------|------|-----|------|-----|
| | Fz | Mx | My | Ny | Fz | Fy | Fx | Fy | Mx | Ny | Fz | Mx | Ny | Nx | Fz | Mx | Ny | Nx | Fz | Mx | Ny | Nx | Fz | Mx | Ny | Nx | Fz | Mx | Ny | Nx | Fz | Mx | Ny | Nx | |
| PP11 | 37.0 | -2.2 | 0.2 | 0.2 | 0.2 | -0.1 | 9.8 | -1.6 | -0.1 | 37.3 | -1.8 | -0.4 | 3.2 | -1.4 | 3.2 | -1.4 | 3.2 | -1.4 | 3.2 | -1.4 | 3.2 | -1.4 | 3.2 | -1.4 | 3.2 | -1.4 | 3.2 | -1.4 | 3.2 | -1.4 | 3.2 | -1.4 | 3.2 | -1.4 | 3.2 |
| PP12 | 32.3 | -2.4 | -1.3 | 0.2 | -0.1 | -1.3 | 1.3 | -1.3 | 0.2 | 32.6 | -1.7 | -0.4 | 3.0 | -1.5 | 3.0 | -1.5 | 3.0 | -1.5 | 3.0 | -1.5 | 3.0 | -1.5 | 3.0 | -1.5 | 3.0 | -1.5 | 3.0 | -1.5 | 3.0 | -1.5 | 3.0 | -1.5 | 3.0 | | |
| PP13 | 3.1 | -1.3 | 0.1 | 0.2 | -0.1 | 1.3 | 1.3 | -1.3 | 0.2 | 3.2 | -2.7 | 0.0 | 3.0 | -2.3 | 3.0 | -2.3 | 3.0 | -2.3 | 3.0 | -2.3 | 3.0 | -2.3 | 3.0 | -2.3 | 3.0 | -2.3 | 3.0 | -2.3 | 3.0 | -2.3 | 3.0 | -2.3 | 3.0 | | |
| PP14 | 34.0 | -0.8 | -0.3 | 0.7 | -0.1 | 1.1 | 1.1 | -1.1 | 0.7 | 34.7 | -1.6 | -0.4 | 3.4 | -1.3 | 3.4 | -1.3 | 3.4 | -1.3 | 3.4 | -1.3 | 3.4 | -1.3 | 3.4 | -1.3 | 3.4 | -1.3 | 3.4 | -1.3 | 3.4 | -1.3 | 3.4 | -1.3 | 3.4 | | |
| PP15 | 4.7 | -1.8 | 0.3 | -1.1 | -0.2 | 1.1 | 1.1 | -1.1 | -0.2 | 4.8 | -1.5 | -0.4 | 3.1 | -1.7 | 3.1 | -1.7 | 3.1 | -1.7 | 3.1 | -1.7 | 3.1 | -1.7 | 3.1 | -1.7 | 3.1 | -1.7 | 3.1 | -1.7 | 3.1 | -1.7 | 3.1 | -1.7 | 3.1 | | |
| PP16 | 37.6 | -1.5 | -1.2 | 0.1 | -0.2 | 0.0 | 7.4 | -1.2 | 0.0 | 37.6 | -1.2 | -1.3 | 0.1 | -1.3 | 3.1 | -1.3 | 3.1 | -1.3 | 3.1 | -1.3 | 3.1 | -1.3 | 3.1 | -1.3 | 3.1 | -1.3 | 3.1 | -1.3 | 3.1 | -1.3 | 3.1 | -1.3 | 3.1 | | |
| PP17 | 5.4 | -0.5 | 0.1 | 0.0 | 0.0 | 0.1 | 1.7 | -1.7 | 0.0 | 5.4 | -0.5 | 0.1 | 1.7 | -1.7 | 0.0 | 5.4 | -0.5 | 0.1 | 1.7 | -1.7 | 0.0 | 5.4 | -0.5 | 0.1 | 1.7 | -1.7 | 0.0 | 5.4 | -0.5 | 0.1 | 1.7 | -1.7 | 0.0 | | |
| PP18 | 57.0 | -0.1 | 0.0 | -0.7 | 0.0 | 0.0 | 12.4 | -0.7 | 0.0 | 57.1 | -0.1 | -2.4 | 0.1 | -2.4 | 0.1 | 57.1 | -0.1 | -2.4 | 0.1 | -2.4 | 0.1 | 57.1 | -0.1 | -2.4 | 0.1 | -2.4 | 0.1 | 57.1 | -0.1 | -2.4 | 0.1 | -2.4 | 0.1 | | |
| PP19 | 30.3 | -0.1 | 0.5 | 0.2 | 0.0 | 0.2 | 15.1 | -0.2 | 0.0 | 30.3 | -0.1 | 0.4 | 0.1 | 0.4 | 0.1 | 30.3 | -0.1 | 0.4 | 0.1 | 0.4 | 0.1 | 30.3 | -0.1 | 0.4 | 0.1 | 0.4 | 0.1 | 30.3 | -0.1 | 0.4 | 0.1 | 0.4 | 0.1 | | |
| PP20 | 7.8 | -0.1 | 0.5 | 0.0 | 0.4 | 0.0 | 14.9 | -0.2 | 0.0 | 7.8 | -0.1 | 0.4 | 0.1 | 0.4 | 0.1 | 7.8 | -0.1 | 0.4 | 0.1 | 0.4 | 0.1 | 7.8 | -0.1 | 0.4 | 0.1 | 0.4 | 0.1 | 7.8 | -0.1 | 0.4 | 0.1 | 0.4 | 0.1 | | |
| PP21 | 57.7 | -0.3 | 0.0 | 0.0 | 1.4 | -0.2 | 14.5 | -0.2 | 0.0 | 57.7 | -0.3 | -2.4 | 0.0 | -2.4 | 0.0 | 57.7 | -0.3 | -2.4 | 0.0 | -2.4 | 0.0 | 57.7 | -0.3 | -2.4 | 0.0 | -2.4 | 0.0 | 57.7 | -0.3 | -2.4 | 0.0 | -2.4 | 0.0 | | |
| PP22 | 7.2 | -0.2 | 0.2 | 0.0 | 0.0 | 0.2 | 13.7 | -0.2 | 0.0 | 7.2 | -0.2 | 0.2 | 0.0 | 0.2 | 0.0 | 7.2 | -0.2 | 0.2 | 0.0 | 0.2 | 0.0 | 7.2 | -0.2 | 0.2 | 0.0 | 0.2 | 0.0 | 7.2 | -0.2 | 0.2 | 0.0 | 0.2 | 0.0 | | |
| PC1 | 22.9 | 0.5 | 0.6 | 0.6 | 0.5 | 0.6 | 6.1 | -7.0 | 0.1 | 22.9 | 0.5 | 0.6 | 0.6 | 0.5 | 0.6 | 6.1 | -7.0 | 0.1 | 22.9 | 0.5 | 0.6 | 0.6 | 0.5 | 0.6 | 6.1 | -7.0 | 0.1 | 22.9 | 0.5 | 0.6 | 0.6 | 0.5 | 0.6 | | |
| PC2 | 32.9 | -0.2 | -0.2 | 0.1 | -0.1 | 0.3 | 3.3 | -2.3 | 0.0 | 32.9 | -0.2 | -0.2 | 0.1 | -0.1 | 0.3 | 3.3 | -2.3 | 0.0 | 32.9 | -0.2 | -0.2 | 0.1 | -0.1 | 0.3 | 3.3 | -2.3 | 0.0 | 32.9 | -0.2 | -0.2 | 0.1 | -0.1 | 0.3 | | |
| PC3 | 34.9 | -0.1 | -0.1 | 0.2 | 0.1 | 1.9 | -2.8 | 0.8 | 0.4 | 34.9 | -0.1 | 0.4 | 0.4 | 0.4 | 0.4 | 34.9 | -0.1 | 0.4 | 0.4 | 0.4 | 0.4 | 34.9 | -0.1 | 0.4 | 0.4 | 0.4 | 0.4 | 34.9 | -0.1 | 0.4 | 0.4 | 0.4 | 0.4 | | |
| PC4 | 4.8 | 0.0 | 0.7 | -0.3 | -0.2 | 0.0 | 1.9 | -2.8 | 0.0 | 4.8 | 0.0 | 0.7 | -0.3 | -0.2 | 0.0 | 4.8 | 0.0 | 0.7 | -0.3 | -0.2 | 0.0 | 4.8 | 0.0 | 0.7 | -0.3 | -0.2 | 0.0 | 4.8 | 0.0 | 0.7 | -0.3 | -0.2 | 0.0 | | |
| PC5 | 37.6 | -0.1 | -0.1 | -0.2 | 0.0 | 0.2 | 2.9 | -3.0 | 0.2 | 37.6 | -0.1 | -0.1 | -0.2 | 0.0 | 0.2 | 37.6 | -0.1 | -0.1 | -0.2 | 0.0 | 0.2 | 37.6 | -0.1 | -0.1 | -0.2 | 0.0 | 0.2 | 37.6 | -0.1 | -0.1 | -0.2 | 0.0 | 0.2 | | |
| PC6 | 23.8 | -0.2 | 0.2 | 0.0 | 0.0 | 0.0 | 24.2 | -2.2 | 0.0 | 23.8 | -0.2 | 0.2 | 0.0 | 0.0 | 0.0 | 23.8 | -0.2 | 0.2 | 0.0 | 0.0 | 0.0 | 23.8 | -0.2 | 0.2 | 0.0 | 0.0 | 0.0 | 23.8 | -0.2 | 0.2 | 0.0 | 0.0 | 0.0 | | |
| PC7 | 37.8 | -0.4 | 0.3 | 0.0 | 0.0 | 0.0 | 24.2 | -2.2 | 0.0 | 37.8 | -0.4 | 0.3 | 0.0 | 0.0 | 0.0 | 37.8 | -0.4 | 0.3 | 0.0 | 0.0 | 0.0 | 37.8 | -0.4 | 0.3 | 0.0 | 0.0 | 0.0 | 37.8 | -0.4 | 0.3 | 0.0 | 0.0 | 0.0 | | |
| PC8 | 4.6 | 0.3 | -0.3 | -0.1 | -0.1 | 2.0 | -1.7 | -2.2 | 0.0 | 4.6 | 0.3 | -0.3 | -0.1 | -0.1 | 2.0 | -1.7 | -2.2 | 0.0 | 4.6 | 0.3 | -0.3 | -0.1 | -0.1 | 2.0 | -1.7 | -2.2 | 0.0 | 4.6 | 0.3 | -0.3 | -0.1 | -0.1 | 2.0 | | |
| PC9 | 32.6 | -0.1 | 0.3 | 0.0 | 0.0 | 0.0 | 21.0 | -1.5 | 0.0 | 32.6 | -0.1 | 0.3 | 0.0 | 0.0 | 0.0 | 32.6 | -0.1 | 0.3 | 0.0 | 0.0 | 0.0 | 32.6 | -0.1 | 0.3 | 0.0 | 0.0 | 0.0 | 32.6 | -0.1 | 0.3 | 0.0 | 0.0 | 0.0 | | |
| PC20 | 3.2 | 0.0 | 0.1 | -0.9 | 0.0 | 2.0 | 2.0 | 0.0 | 3.2 | 0.0 | 0.1 | -0.9 | 0.0 | 2.0 | 2.0 | 0.0 | 3.2 | 0.0 | 0.1 | -0.9 | 0.0 | 2.0 | 2.0 | 0.0 | 3.2 | 0.0 | 0.1 | -0.9 | 0.0 | 2.0 | 2.0 | 0.0 | | | |
| PC21 | 32.9 | -0.2 | -0.2 | 0.1 | -0.1 | 0.3 | 3.3 | -2.3 | 0.0 | 32.9 | -0.2 | -0.2 | 0.1 | -0.1 | 0.3 | 3.3 | -2.3 | 0.0 | 32.9 | -0.2 | -0.2 | 0.1 | -0.1 | 0.3 | 3.3 | -2.3 | 0.0 | 32.9 | -0.2 | -0.2 | 0.1 | -0.1 | 0.3 | | |
| PC22 | 31.1 | -0.1 | -0.1 | 0.3 | 0.0 | 0.0 | 17.5 | -1.2 | 0.1 | 31.1 | -0.1 | -0.1 | 0.3 | 0.0 | 0.0 | 31.1 | -0.1 | -0.1 | 0.3 | 0.0 | 0.0 | 31.1 | -0.1 | -0.1 | 0.3 | 0.0 | 0.0 | 31.1 | -0.1 | -0.1 | 0.3 | 0.0 | 0.0 | | |
| PC23 | 24.8 | -0.2 | 0.1 | -0.3 | 0.3 | 0.3 | 18.6 | -1.2 | 0.1 | 24.8 | -0.2 | 0.1 | -0.3 | 0.3 | 0.3 | 24.8 | -0.2 | 0.1 | -0.3 | 0.3 | 0.3 | 24.8 | -0.2 | 0.1 | -0.3 | 0.3 | 0.3 | 24.8 | -0.2 | 0.1 | -0.3 | 0.3 | 0.3 | | |
| PC24 | 23.8 | -0.1 | -0.1 | -0.7 | -0.2 | 0.3 | 13.9 | -1.2 | 0.2 | 23.8 | -0.1 | -0.1 | -0.7 | -0.2 | 0.3 | 23.8 | -0.1 | -0.1 | -0.7 | -0.2 | 0.3 | 23.8 | -0.1 | -0.1 | -0.7 | -0.2 | 0.3 | 23.8 | -0.1 | -0.1 | -0.7 | -0.2 | 0.3 | | |
| PC25 | 21.4 | 0.2 | 0.2 | 0.3 | 0.5 | 1.6 | -2.2 | 0.2 | 0.2 | 21.4 | 0.2 | 0.2 | 0.3 | 0.5 | 1.6 | -2.2 | 0.2 | 0.2 | 21.4 | 0.2 | 0.2 | 0.3 | 0.5 | 1.6 | -2.2 | 0.2 | 0.2 | 21.4 | 0.2 | 0.2 | 0.3 | 0.5 | 1.6 | | |
| PC26 | 21.6 | 0.6 | 0.5 | 0.6 | 0.8 | 2.1 | -1.2 | 0.2 | 0.2 | 21.6 | 0.6 | 0.5 | 0.6 | 0.8 | 2.1 | -1.2 | 0.2 | 0.2 | 21.6 | 0.6 | 0.5 | 0.6 | 0.8 | 2.1 | -1.2 | 0.2 | 0.2 | 21.6 | 0.6 | 0.5 | 0.6 | 0.8 | 2.1 | | |
| PC27 | 21.4 | 0.2 | 0.2 | 0.3 | 0.5 | 1.6 | -2.2 | 0.2 | 0.2 | 21.4 | 0.2 | 0.2 | 0.3 | 0.5 | 1.6 | -2.2 | 0.2 | 0.2 | 21.4 | 0.2 | 0.2 | 0.3 | 0.5 | 1.6 | -2.2 | 0.2 | 0.2 | 21.4 | 0.2 | 0.2 | 0.3 | 0.5 | 1.6 | | |
| PC28 | 21.6 | 0.6 | 0.5 | 0.6 | 0.8 | 2.1 | -1.2 | 0.2 | 0.2 | 21.6 | 0.6 | 0.5 | 0.6 | 0.8 | 2.1 | -1.2 | 0.2 | 0.2 | 21.6 | 0.6 | 0.5 | 0.6 | 0.8 | 2.1 | -1.2 | 0.2 | 0.2 | 21.6 | 0.6 | 0.5 | 0.6 | 0.8 | 2.1 | | |
| PC29 | 3.8 | -0.1 | -1.3 | 0.2 | -0.3 | 1.8 | -1.2 | 0.2 | 0.2 | 3.8 | -0.1 | -1.3 | 0.2 | -0.3 | 1.8 | -1.2 | 0.2 | 0.2 | 3.8 | -0.1 | -1.3 | 0.2 | -0.3 | 1.8 | -1.2 | 0.2 | 0.2 | 3.8 | -0.1 | -1.3 | 0.2 | -0.3 | 1.8 | | |
| PC30 | 24.3 | 0.2 | 0.2 | 0.0 | 0.0 | 2.1 | -1.9 | -1.6 | 0.0 | 24.3 | 0.2 | 0.2 | 0.0 | 0.0 | 2.1 | -1.9 | -1.6 | 0.0 | 24.3 | 0.2 | 0.2 | 0.0 | 0.0 | 2.1 | -1.9 | -1.6 | 0.0 | 24.3 | 0.2 | 0.2 | 0.0 | 0.0 | 2.1 | | |
| PC31 | 31.2 | -0.5 | 0.4 | -0.7 | -0.5 | 4.0 | -4.4 | 2.8 | -0.1 | 31.2 | -0.5 | 0.4 | -0.7 | -0.5 | 4.0 | -4.4 | 2.8 | -0.1 | 31.2 | -0.5 | 0.4 | -0.7 | -0.5 | 4.0 | -4.4 | 2.8 | -0.1 | 31.2 | -0.5 | 0.4 | -0.7 | -0.5 | 4.0 | | |
| PC32 | 37.8 | -0.2 | 0.2 | 0.0 | 0.0 | 0.0 | 22.9 | -2.2 | 0.0 | 37.8 | -0.2 | 0.2 | 0.0 | 0.0 | 0.0 | 37.8 | -0.2 | 0.2 | 0.0 | 0.0 | 0.0 | 37.8 | -0.2 | 0.2 | 0.0 | 0.0 | 0.0 | 37.8 | -0.2 | 0.2 | 0.0 | 0.0 | 0.0 | | |
| PC33 | 23.8 | -0.4 | 0.3 | 0.0 | 0.0 | 0.0 | 24.2 | -2.2 | 0.0 | 23.8 | -0.4 | 0.3 | 0.0 | 0.0 | 0.0 | 23.8 | -0.4 | 0.3 | 0.0 | 0.0 | 0.0 | 23.8 | -0.4 | 0.3 | 0.0 | 0.0 | 0.0 | 23.8 | -0.4 | 0.3 | 0.0 | 0.0 | 0.0 | | |
| PC34 | 4.6 | 0.3 | -0.3 | -0.1 | -0.1 | 2.0 | -1.7 | -2.2 | 0.0 | 4.6 | 0.3 | -0.3 | -0.1 | -0.1 | 2.0 | -1.7 | -2.2 | 0.0 | 4.6 | 0.3 | -0.3 | -0.1 | -0.1 | 2.0 | -1.7 | -2.2 | 0.0 | 4.6 | 0.3 | -0.3 | -0.1 | -0.1 | 2.0 | | |
| PC35 | 32.6 | -0.1 | 0.3 | 0.0 | 0.0 | 0.0 | 21.0 | -1.5 | 0.0 | 32.6 | -0.1 | 0.3 | 0.0 | 0.0 | 0.0 | 32.6 | -0.1 | 0.3 | 0.0 | 0.0 | 0.0 | 32.6 | -0.1 | 0.3 | 0.0 | 0.0 | 0.0 | 32.6 | -0.1 | 0.3 | 0.0 | 0.0 | 0.0 | | |
| PC36 | 3.2 | 0.0 | 0.1 | -0.9 | 0.0 | 2.0 | 2.0 | 0.0 | 3.2 | 0.0 | 0.1 | -0.9 | 0.0 | 2.0 | 2.0 | 0.0 | 3.2 | 0.0 | 0.1 | -0.9 | 0.0 | 2.0 | 2.0 | 0.0 | 3.2 | 0.0 | 0.1 | -0.9 | 0.0 | 2.0 | 2.0 | 0.0 | | | |
| PC37 | 32.9 | -0.2 | -0.2 | 0.1 | -0.1 | 0.3 | 3.3 | -2.3 | 0.0 | 32.9 | -0.2 | -0.2 | 0.1 | -0.1 | 0.3 | 3.3 | -2.3 | 0.0 | 32.9 | -0.2 | -0.2 | 0.1 | -0.1 | 0.3 | 3.3 | -2.3 | 0.0 | 32.9 | -0.2 | -0.2 | 0.1 | -0.1 | 0.3 | | |
| PC38 | 31.4 | 0.2 | 0.1 | 0.1 | 0.1 | 0.8 | -1.4 | 1.0 | 0.1 | 31.4 | 0.2 | 0.1 | 0.1 | 0.1 | 0.8 | -1.4 | 1.0 | 0.1 | 31.4 | 0.2 | 0.1 | 0.1 | 0.1 | 0.8 | -1.4 | 1.0 | 0.1 | 31.4 | 0.2 | 0.1 | 0.1 | 0.1 | 0.8 | | |
| PC39 | 31.4 | 0.2 | 0.1 | 0.1 | 0.1 | 0.8 | -1.4 | 1.0 | 0.1 | 31.4 | 0.2 | 0.1 | 0.1 | 0.1 | 0.8 | -1.4 | 1.0 | 0.1 | 31.4 | 0.2 | 0.1 | 0.1 | 0.1 | 0.8 | -1.4 | 1.0 | 0.1 | 31.4 | 0.2 | 0.1 | 0.1 | 0.1 | 0.8 | | |
| PC40 | 20.3 | -1.0 | -1.2 | 0.4 | 0.3 | 0.4 | 0.0 | -1.2 | 0.4 | 20.3 | -1.0 | -1.2 | 0.4 | 0.3 | 0.4 | 0.0 | -1.2 | 0.4 | 20.3 | -1.0 | -1.2 | 0.4 | 0.3 | 0.4 | 0.0 | -1.2 | 0.4 | 20.3 | -1.0 | -1.2 | 0.4 | 0.3 | 0.4 | | |
| PC41 | 33.8 | 0.2 | 0.2 | 0.1 | 0.1 | 0.8 | -1.4 | 1.0 | 0.1 | 33.8 | 0.2 | 0.2 | | | | | | | | | | | | | | | | | | | | | | | |