

Table 1 Maximum permissible errors for weights ($\pm \delta m$ in mg)

| Nominal value* | Class E ₁ | Class E ₂ | Class F ₁ | Class F ₂ | Class M ₁ | Class M ₁₋₂ | Class M ₂ | Class M ₂₋₃ | Class M ₃ |
|----------------|----------------------|----------------------|----------------------|----------------------|----------------------|------------------------|----------------------|------------------------|----------------------|
| 5 000 kg | | | 25 000 | 80 000 | 250 000 | 500 000 | 800 000 | 1 600 000 | 2 500 000 |
| 2 000 kg | | | 10 000 | 30 000 | 100 000 | 200 000 | 300 000 | 600 000 | 1 000 000 |
| 1 000 kg | | 1 600 | 5 000 | 16 000 | 50 000 | 100 000 | 160 000 | 300 000 | 500 000 |
| 500 kg | | 800 | 2 500 | 8 000 | 25 000 | 50 000 | 80 000 | 160 000 | 250 000 |
| 200 kg | | 300 | 1 000 | 3 000 | 10 000 | 20 000 | 30 000 | 60 000 | 100 000 |
| 100 kg | | 160 | 500 | 1 600 | 5 000 | 10 000 | 16 000 | 30 000 | 50 000 |
| 50 kg | 25 | 80 | 250 | 800 | 2 500 | 5 000 | 8 000 | 16 000 | 25 000 |
| 20 kg | 10 | 30 | 100 | 300 | 1 000 | | 3 000 | | 10 000 |
| 10 kg | 5.0 | 16 | 50 | 160 | 500 | | 1 600 | | 5 000 |
| 5 kg | 2.5 | 8.0 | 25 | 80 | 250 | | 800 | | 2 500 |
| 2 kg | 1.0 | 3.0 | 10 | 30 | 100 | | 300 | | 1 000 |
| 1 kg | 0.5 | 1.6 | 5.0 | 16 | 50 | | 160 | | 500 |
| 500 g | 0.25 | 0.8 | 2.5 | 8.0 | 25 | | 80 | | 250 |
| 200 g | 0.10 | 0.3 | 1.0 | 3.0 | 10 | | 30 | | 100 |
| 100 g | 0.05 | 0.16 | 0.5 | 1.6 | 5.0 | | 16 | | 50 |
| 50 g | 0.03 | 0.10 | 0.3 | 1.0 | 3.0 | | 10 | | 30 |
| 20 g | 0.025 | 0.08 | 0.25 | 0.8 | 2.5 | | 8.0 | | 25 |
| 10 g | 0.020 | 0.06 | 0.20 | 0.6 | 2.0 | | 6.0 | | 20 |
| 5 g | 0.016 | 0.05 | 0.16 | 0.5 | 1.6 | | 5.0 | | 16 |
| 2 g | 0.012 | 0.04 | 0.12 | 0.4 | 1.2 | | 4.0 | | 12 |
| 1 g | 0.010 | 0.03 | 0.10 | 0.3 | 1.0 | | 3.0 | | 10 |
| 500 mg | 0.008 | 0.025 | 0.08 | 0.25 | 0.8 | | 2.5 | | |
| 200 mg | 0.006 | 0.020 | 0.06 | 0.20 | 0.6 | | 2.0 | | |
| 100 mg | 0.005 | 0.016 | 0.05 | 0.16 | 0.5 | | 1.6 | | |
| 50 mg | 0.004 | 0.012 | 0.04 | 0.12 | 0.4 | | | | |
| 20 mg | 0.003 | 0.010 | 0.03 | 0.10 | 0.3 | | | | |
| 10 mg | 0.003 | 0.008 | 0.025 | 0.08 | 0.25 | | | | |
| 5 mg | 0.003 | 0.006 | 0.020 | 0.06 | 0.20 | | | | |
| 2 mg | 0.003 | 0.006 | 0.020 | 0.06 | 0.20 | | | | |
| 1 mg | 0.003 | 0.006 | 0.020 | 0.06 | 0.20 | | | | |

* The nominal weight values in Table 1 specify the smallest and largest weight permitted in any class of R 111 and the maximum permissible errors and denominations shall not be extrapolated to higher or lower values. For example, the smallest nominal value for a weight in class M₂ is 100 mg while the largest is 5 000 kg. A 50 mg weight would not be accepted as an R 111 class M₂ weight and instead should meet class M₁ maximum permissible errors and other requirements (e.g. shape or markings) for that class of weight. Otherwise the weight cannot be described as complying with R 111.