

ANQIP TECHNICAL SPECIFICATION

# ETA 0804

## SPECIFICATIONS FOR ASSIGNING ANQIP WATER EFFICIENCY LABELS TO TOILET FLUSHING SYSTEMS

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## **SPECIFICATIONS FOR ASSIGNING ANQIP WATER EFFICIENCY LABELS TO TOILET FLUSHING SYSTEMS**

Prepared by: Technical Secretariat

Validity: from January 1, 2026 to December 31, 2030

Note: This system corresponds to version II of the ANQIP water efficiency labelling system for products and replaces the previous version from the implementation date indicated above. Labels assigned according to the previous version may remain valid until the end of their validity period, unless their replacement is requested by the interested entity.

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1. This specification establishes the criteria for assigning ANQIP water efficiency labels to toilet flushing cisterns.
2. The following devices are considered within the scope of this Specification:
  - Single flushing (or full flush) cisterns, gravity type;
  - Dual flushing (or dual flush) cisterns, gravity type;
  - Flushing cisterns with flush interruption, gravity type.
3. The following devices may also be covered by this Specification, subject to a prior compatibility analysis by the ANQIP CTA 0802 Technical Committee:
  - Toilets with pressurized tanks;
  - Electro-hydraulic flushing cisterns;
  - Other flushing systems, based on the concept of a cistern.
4. The following are not covered by this specification:
  - Flush valves
  - Urinal flushing cisterns;
  - Vacuum systems.
5. Given that the ANQIP certification only covers water efficiency aspects, all certification applications must be accompanied by proof of additional compliance with existing performance standards applicable to the product, such as CE marking.
6. In the case of the devices referred to in item 2, only applications for certification of devices that meet, at a minimum, the requirements of EN 14055 and EN 997, where

applicable, will be accepted, with the burden of proof of this compliance falling on the applicant.

7. Certification is granted to the cistern with valves, under the conditions in which it is placed on the market, but will take into account the performance of the associated toilet bowl, as referred to in item 13.

8. The application process for certification and awarding of a water efficiency label, as well as the procedures for maintaining certification, must follow the guidelines set out in Specification ETA 0802.

9. The use of water efficiency labels must be carried out in strict compliance with Specification ETA 0803.

10. The allocation of labelling authorization to a given product will be made in accordance with the categories and tolerances established in Table 1.

11. For full flush and interrupted flush, the reference volume ( $V_c$ ) should correspond to the average of three tests. In the case of dual flush cisterns, the reference volume for the reduced flush ( $V_r$ ) should also correspond to the average of three tests. The average cistern volume ( $V_m$ ) should be calculated according to the formula shown in Table 1.

Average volume $V_m = (V_c + 3V_r) / 4$ (litres)	Full flush and interrupted flush cisterns	Dual flush cisterns
$V \leq 3.00$	-	A++
$V \leq 3.50$	-	A+ (*)
$V \leq 3.75$	A	A
$V \leq 4.50$	B	B
$V \leq 6.00$	C	C
$V \leq 7.00$	D	D
$V > 7.0$	E	E

Table 1 – Conditions for awarding water efficiency labels to toilet cisterns

(\*) Maximum value indicated in the European taxonomy, with the value of a full discharge not exceeding 6 litres.

12. Volume measurements must be performed using calibrated equipment, allowing for tolerances in the value of the first column of Table 1 up to +5% of  $V_c$  when assigning the label.

13. Taking into account the functional requirements of toilet bowls, as established in EN 997, as well as the limitations imposed by the European Standard EN 12056-2 regarding



the applicable devices depending on the network sizing conditions, it is recommended that all cisterns with a full flush volume equal to or less than 4 litres or with an A<sup>+</sup> or A<sup>++</sup> label have the associated indication “Valid only when the toilet bowl and network sizing are suitable for these flush volumes”. In any case, the validity of this labelling presupposes that the compatibility of the toilet bowl with the discharge volume, in accordance with EN 997 for Class 1 products, is verified and ensured by the installer.