ANQIP TECHNICAL SPECIFICATION

ETA 0805

SPECIFICATIONS FOR CONDUCTING TESTS FOR ANQIP WATER EFFICIENCY CERTIFICATION OF TOILET FLUSHING SYSTEMS

ANQIP
ASSOCIAÇÃO NACIONAL
PARA A QUALIDADE
NAS INSTALAÇÕES PREDIAIS

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Prepared by: Technical Secretariat

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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.

1. This specification establishes the test procedures for the ANQIP water efficiency certification of toilet flushing cisterns, as provided for in the ANQIP Technical Specification ETA 0802.

2. The test form included in the Annex must be completed and validated by a laboratory representative. The heading in the Annex should be replaced with the heading of the entity responsible for the test.

3. The tests must be carried out with the cistern fixed to a suitable support and properly positioned along the three axes.

4. The cistern must be connected to a building's water supply network, with a static pressure of not less than 100 kPa and nor greater than 500 kPa.

5. The measurement of the flush volume, full or reduced, must be carried out in three tests, with the average of the results, rounded to the nearest decimal place, being considered relevant for certification purposes. In the case of dual-flush cisterns, the determination of the average volume (V_m) of the cistern, referred to in Table 1 of ETA 0804, must be carried out considering one full flush and three reduced flushes. Interrupted flush cisterns will be tested in a manner analogous to full-flush cisterns, taking into account the provisions of paragraph 7.

6. Toilet flushing cisterns must be complete, including tank, valves, handle, mechanisms, etc., with all accessory elements positioned and fixed in their respective locations, in the condition in which they are sold and installed.

7. The flush must be carried out in a single action, operating the handle for the time necessary to complete the flush. In full-flush and dual-flush cisterns, the flush cannot be interrupted by operating the same or another handle on the cistern.

8. Before repeating the test, it must be ensured that the tank is completely filled, with no leakage from the supply line, and that the inlet valve remains closed.

APPENDIX

ANQIP Water Efficiency Certification
Toilet flushing cisterns
TEST SHEET
(AS PER ANQIP 0804 TECHNICAL SPECIFICATION)

APPLICANT _____

FLUSHING SYSTEM TO BE CERTIFIED: BRAND_____

MODEL_____ MANUFACTURER'S REF._____

ANQIP CODE OF THE PRODUCT CERTIFICATE (1) _____

TEST RESULTS (2):

REHEARSAL	DATE	TIME	FULL DISCHARGE (litres)	REDUCED DISCHARGE (3) (litres)
1st				
2nd				
3rd				
AVERAGE VALUES:			V_c =	V_r =

DISCHARGE TYPE:

Single or interrupted flush ☐ Dual flush ☐

FINAL RESULT (single flush) **Vm = Vc → ____ litres**

(dual flush) **Vm = (Vc + 3Vr) / 4 → ____ litres**

The tested flushing cistern corresponds to category ___ of table 1 of eta 0804.

Notes: _____

The Auditor,

(1) Applicable only in the case of certificate renewals
(2) Performed at the company premises _____(when applicable)
(3) To be filled in only in the case of dual flush cisterns.