

ANQIP TECHNICAL SPECIFICATION

ETA 0809

SPECIFICATIONS FOR CONDUCTING TESTS FOR ANQIP WATER EFFICIENCY CERTIFICATION OF TAPS AND FLUSH VALVES IN URINALS



ASSOCIAÇÃO NACIONAL
PARA A QUALIDADE
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SPECIFICATIONS FOR CONDUCTING TESTS FOR ANQIP WATER EFFICIENCY CERTIFICATION OF TAPS AND FLUSH VALVES IN URINALS

Prepared by: Technical Secretariat

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Note: This scheme corresponds to version II of the ANQIP water efficiency labelling scheme 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 washbasin and kitchen taps and urinal flush valves, as provided for in the ANQIP Technical Specification ETA 0808.
2. When tests are not carried out at ANQIP facilities, the test form in Annex 1 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 product fixed to a suitable support and properly positioned along the three axes. The pressure measuring device must be installed upstream of the device and as close to it as possible.
4. The taps or flush valves of urinals must be connected to a water supply network with equipment that guarantees a static pressure of 300 $-0/+2$ kPa before testing.
5. The feed should ensure test flow rates of up to 15 L/min.
6. Flow rate measurements should be taken in three tests, with the average of the results, rounded to the nearest decimal place, being considered relevant for certification purposes.
7. The products must be complete, with all accessory elements positioned and fixed in their respective locations, in the condition in which they are sold and installed.
8. Flow rate measurements must be performed using calibrated equipment that allows for continuous flow rate measurement, with a flow rate measurement accuracy of $\pm 5\%$.



9. Before any test, it must be ensured that the pressure conditions in the feed are in accordance with item 4.

10. In the case of devices that comply with the European standardization applicable to the product, and provided that this standardization includes flow tests and classes in relation to which a correspondence can be established with the categories of this Specification, the tests referred to in this ETA may be waived, at the request of the interested entity, resorting, for the purposes of certification and labelling of water efficiency, to the correspondence with the class assigned to the product by the corresponding European Standard.



APPENDIX



ANQIP Water Efficiency Certification TAPS AND FLUSH VALVES TEST SHEET (AS PER ANQIP 0808 TECHNICAL SPECIFICATION)

APPLICANT _____

PRODUCT TO BE CERTIFIED: BRAND _____

MODEL _____ MANUFACTURER'S REF.(s) _____

PRODUCT CERTIFICATE CODE ⁽¹⁾ _____

TEST RESULTS ⁽²⁾:

| TEST | DATE | TIME | FLOW (l/s) or VOLUME (liters) |
|-----------------|------|------|-------------------------------|
| 1st | | | |
| 2nd | | | |
| 3rd | | | |
| AVERAGE VALUES: | | | |

PRODUCT TYPE:

Bathroom faucet Kitchen faucet Urinal flush valve

FINAL RESULT:

The product tested corresponds to category ____ of the ETA 0808 table.

Observations: _____

The Auditor,

(1) Applicable only in the case of certificate renewals

(2) Performed at the company premises _____ (when applicable)