

ANQIP TECHNICAL SPECIFICATION

ETA 0807

SPECIFICATIONS FOR CARRYING OUT TESTS FOR ANQIP WATER EFFICIENCY CERTIFICATION OF SHOWERS AND SHOWER SYSTEMS



ASSOCIAÇÃO NACIONAL
PARA A QUALIDADE
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SPECIFICATIONS FOR CARRYING OUT TESTS FOR ANQIP WATER EFFICIENCY CERTIFICATION OF SHOWERS AND SHOWER SYSTEMS

Prepared by : Technical Secretariat

Validity: from 04.22.2015 to 04.22.2025

Note :

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1. This specification establishes the test procedures for the ANQIP water efficiency certification and labelling of showers and shower systems, under the terms set out in the ANQIP Technical Specification ETA 0806.
 2. The test form in Annex 1 must be filled in, which must be validated by a person in charge of the laboratory. The header of the Annex should be replaced by the header of the entity responsible for the test, when these are not carried out by ANQIP.
 3. The tests must be carried out with the product fixed to an appropriate support and properly positioned according to the three axes. In the case of fixed showers, a straight section DN15 with 0.50 m and a 90° curve, also DN15 with a radius of 50 mm, must be installed upstream of the shower. A pressure measuring device must be installed between the straight section and the curve. In the case of hand showers, the test will be carried out with the respective hose or, in cases where the commercial product does not include the hose, the test will be carried out using a 1.50 m hose, DN15.
 4. The shower head (shower), or the set of faucet, hose and shower head (shower system), must be connected to a water supply network, with equipment that guarantees a static pressure of 300 kPa , before the test.
 5. The water supply must guarantee test flows of up to 30 l/min.
 6. The measurement of the flow rates must be carried out in three tests, the average of the results being considered relevant for certification purposes, rounded to the decimal point.

7. The products must be complete, with all accessory elements positioned and fixed in their respective places, under the conditions in which they are sold and/or installed.

8. The flow measurement must be carried out using calibrated equipment, which allows continuous flow measurement, and the measurement must have an accuracy of +/- 5%.

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

10. In accordance with the provisions of n.º 12 of ETA 0802, in the case of products 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.



ATTACHMENT



(On letterhead of the entity responsible for the test)

**ANQIP WATER EFFICIENCY CERTIFICATION
OF SHOWERS AND SHOWER SYSTEMS
TEST SHEET**
(ACCORDING TO ANQIP 0806 TECHNICAL SPECIFICATION)

APPLICANT _____

PRODUCT TO CERTIFY: BRAND _____

MODEL _____ REF.(s) OF THE MANUFACTURER _____

ANQIP CODE OF THE PRODUCT CERTIFICATE ⁽¹⁾ _____

TEST RESULTS ⁽²⁾:

TEST	DATE	HOUR	FLOW (l/s)
1st			
2nd			
3rd			
AVERAGE VALUES:			

PRODUCT TYPE:

SHOWER SHOWER SYSTEM (when applicable: WITH HOSE ϕ ____ mm WITH ____ m)

FINAL RESULT:

THE TESTED PRODUCT CORRESPONDS TO CATEGORY ____ OF TABLE 1 OF ETA 0806

Comments: _____

THE AUDITOR ,

(1) Applicable only in case of certificate renewals

(2) Performed on the installations of the company _____ (when applicable)