

Guidelines for Applicants

Assessment Criteria

This is one of a series of guidelines to help applicants to the Smart Approved WaterMark, Australia's label for products and services that save water. Applications to the Smart WaterMark are assessed by an Independent Technical Expert Panel against the following four criteria:

1. **Water Saving** - The primary purpose of the product is directly related to reducing actual water use where there is a direct correlation between the use of the product and water savings.
2. **Fitness for Purpose** - Supporting documentation (such as instructions and marketing material) helps ensure that users get the best water savings/efficiency from the product.
3. **Meeting** - Regulations and Standards - The product is of high quality and meets industry standards, and customer and community expectations.
4. **Environmentally Sustainable** - The product, while satisfying the above three criteria, is environmentally sustainable, and that in making water savings the product will not adversely impact on the environment in other areas.

The Expert Panel needs verifiable independent evidence that the product achieves the water savings claimed in the application (i.e. through independent testing, case studies or comparative reports). Please note, unsubstantiated marketing claims are not regarded as evidence of water saving.

The Smart WaterMark stakeholder web site has further information on the application process including timetables, fees and online application forms at: <https://www.smartwatermark.org/application-form/>

If you have any questions about these guidelines or your application please contact The Water Conservancy national office. Email: info@thewaterconservancy.org Landline: 02 7229 5388

Supporting Evidence

Applications to the Smart Water Mark are assessed on the basis of independent, verifiable evidence to justify claimed water savings submitted with each application. Applications that are not supported by this information will not be considered by the Expert Panel.

Independent means that the author or compiler of the evidence has no commercial interest in the sale or promotion of the product which is the subject of the application. Evidence can be derived from any method chosen by the applicant and could include case studies, laboratory testing and product or service appraisal by independent consultants or organisations. Results from international and Australian tests are acceptable provided that data is presented in English and uses metric units.

Specific guidelines for different types of products and services are prepared to advise applicants on the sorts of testing or evidence that might be acceptable. Applicants are not obliged to follow these guidelines and can present any evidence in support of their application provided that it is independent and verifiable.

Guideline 8. Spray Cleaners

Wash-down Guns

Pre-rinse Nozzles,

High-pressure Low-flow Sprays

Spray cleaners, including wash-down guns, pre-rinse nozzles and high-pressure low-flow sprays are used across a range of commercial cleaning processes. Wash-down guns and pre-rinse nozzles are used predominantly in the hospitality industry to remove waste from crockery prior to dishwashing. High-pressure low-flow sprays are used across a wide range of commercial applications from car and boat washing through to cleaning outdoor surfaces. Please note, some jurisdictions restrict the use of high-pressure cleaners or require permits for their use, especially at times of drought.

A common feature of spray cleaning technologies is the use of high-pressure water sprays to clean surfaces both indoor and outdoor. Water-use from spray cleaners ranges significantly across product ranges from over 15L per minute to less than 1L per minute. In addition to water savings from the more efficient spray technologies, significant energy savings are also made when using hot water.

The Smart WaterMark label is being used to identify and certify water efficient spray technologies. The following attributes have been set to identify water efficient spray cleaners including wash-down guns, pre-rinse nozzles and high-pressure low-flow sprays:

- i) flow rate as follows:

Product	Flow Rate
High Pressure cleaning device	9 litres per minute or less
Pre-rinse spray nozzle	6 litres per minute or less

- ii) water-use data to be verified by an independent source as noted overleaf.
- iii) the product meets the relevant standards and regulations (e.g. WaterMark plumbing certification)
- iv) the product is fit for purpose
(for example ASTM F2324-03 Standard Test Method for Pre- Rinse Spray Valves)
- v) the product, if designed to be connected to electricity supply, is properly certified, and properly listed in the Electrical Regulatory Authorities Council (ERAC) Equipment Certification System

Water Use data verification

The following shall be carried out by a party independent from the party involved in the ownership, sale and/or distribution of the product; and not otherwise involved with the submission for approval to carry to Smart WaterMark endorsement.

In the case of High Pressure cleaning devices where the water pressure is derived from an integral pump, the product will be tested and the flow rate measured as accurately as possible to within +/- 0.1 of a litre per minute, by capturing the volume of water discharged within a particular timeframe, or via use of a flow meter.

In the case of any product deriving flow from water pressure of a direct connection to a water supply independent of the product, the test shall be carried out in a manner similar to that described in AS/NZS 3718:2005 Water Supply-Tap ware, Appendix G.

About Smart Approved WaterMark

Since 2004, SAWM has certified water efficient products and services. As a national scheme it delivers a common home and national approach and labelling scheme for consumers and retailers. For consumers, the certification scheme is designed to provide confidence that products and services bearing the label will help them save water around the garden. For the water industry, the scheme provides a national mechanism to identify water saving products and services; one piece of the demand management jigsaw. Certificate holders – licensees - gain the ability to use the Smart Approved WaterMark for marketing advantage.

In 2022 SAWM rebranded to The Water Conservancy (TWC). We are non for profit that is leading the way as an independent knowledge resource and advisory hub for education, facilitation and adoption of a more conscious and sustainable approach to water use in Australia. SAWM is one of the 5 programs offered by TWC to find out more please visit our TWC website: <https://thewaterconservancy.org/>