

Certificate no: CMNZ70150

Version: 0

Original issue date: 25 August 2023

Version date: 25 August 2023

1. Certificate Holder Details



**Stormwater Systems Limited
Watersmart**

74 Patiki Road, Avondale Auckland 1026
New Zealand
hello@watersmart.co.nz
Ph: 0800 11 08 08
www.watersmart.co.nz

2. Product Certification Body

Bureau Veritas Australia Pty Ltd
11/500 Collins Street
Melbourne VIC 3000 Australia
product.certification@bureauveritas.com
Ph: 1800 855 190
www.bureauveritas.com.au

Complaints: The complaints process for this certificate can be found here:
www.bureauveritas.com.au/your-feedback

Sam Guindi – Bureau Veritas Product Certification Manager



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Product Certificate

Hydraloop H300 & H600

3. Description of Building Method or Product

Name of the product or method in Aotearoa New Zealand, including any brand names used. Description of what it is and the components that make up any system and its physical attributes including the materials and make-up of the product, where applicable. Matters that should be taken into account in the use or application of the building method or product can be found in item 6. Conditions and Limitations of Use. Continuation of description can be found in item 10 – Supporting Information about Description. [Delete if not applicable]. The building method's or building product's catalogue or model identification number or numbers or other unique identifiers that might be used to identify the building product or building method

The Hydraloop system collects grey water and processes it to be suitable for supply as non-potable water. The unit is labelled with the Hydraloop brand and model number. Hydraloop is available in two models: Hydraloop H300 and Hydraloop H600 which may be joined together to form a "Cascade".

4. Intended use of Building Method or Product

Intended use of the building method or product as described in the product manual and other instructional materials. A statement of the function or purpose of the building method or product. Continuation of intended use can be found in item 11 – Supporting Information about Intended use. [Delete if not applicable]

The Hydraloop system collects grey water from specified sanitary appliances and fixtures and processes it to be suitable for supply as non-potable water.

5. New Zealand Building Code Provisions

The performance clauses of the New Zealand Building Code that are relevant to the intended use and with which the building method or product complies or contributes to (where used as part of a system).

How the building method or product complies or contributes can be found in item 8. Basis for Certification. Any qualifications on the extent of that compliance can be found in item 6. Conditions and limitations of use.

Clause B1 Structure: Performance Clauses B1.3.1, B1.3.2, B1.3.3 (f)

Clause B2 Durability: Performance Clauses B2.3.1(c)

Clause F2 Hazardous building materials: Performance Clauses F2.3.1

Clause G9 Electricity: Performance Clauses G9.3.1

Clause G12 Water supplies: Performance Clauses G12.3.3 (contributes to), G12.3.4, G12.3.7 (contributes to)

Clause G13 Foul water: Performance Clauses G13.3.1 (contributes to)



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6. Conditions and Limitations of Use

The building method or product's use is to be in accordance with the installation instructions and requirements against which the building method or product was assessed.

Conditions or limitations of conformity for the performance requirements the building method or product is compliant with, including any requirements for people with the qualifications and skills to install or use the building method or product, any known or demonstrated situations where the building method or product should not be used. A statement as to whether there are any matters that should be taken into account in the use or application of the building product or building method and, if so, what those matters are.

The Hydraloop System is certified for use in buildings to supply non-potable water to sanitary appliances and fixtures:

1. The Hydraloop models H300 and H600 (including when joined as a Cascade) shall be installed in accordance with the Hydraloop Installation Manual H300 & H600 2.1 and restrained to resist inertial seismic loads.
2. Pipes to which non-potable water outlets are connected shall comply with the requirements of clause G12.3.4 regarding identification of non-potable water.
3. The installer shall supply to the BCA a signed Installation QA Version 1: 30 June 2023 declaration that the product has been installed in accordance with this certificate. This declaration shall be relied upon when issuing a Code Compliance Certificate (CCC).
4. The Hydraloop models shall be Installed or Serviced by Watersmart approved Technicians: <https://watersmart.co.nz/approved-hydraloop-installers/>.

7. Health and Safety Information

Health, safety, and well-being declarations associated with installation, maintenance, and use of the building method or product, and their specific editions and dates necessary to ensure the performance requirements of clauses F1 to F9 of the Building Code can be met.

The compliance with any manufacturer's installation instructions, maintenance, OH & S statements, MSDS's and other Health and Safety declarations will provide the necessary Health and Safety Information pertaining to the product.

8. Basis for Certification

How the performance requirements in the Building Code were met for each of the provisions. Where used as part of a system, the specific contribution to compliance.

B1 Structure - By comparison with Acceptable Solution G12AS1

B2 Durability - By analysis and comparison with Verification Method B2/VM1

F2 Hazardous building materials - By comparison with the performance requirements of Building Code clause F2.3.1

G9 Electricity - By testing and comparison with Verification Method G9/VM1

G12 Water supplies - By comparison with Acceptable Solution G12/AS1

G13 Foul water - By comparison with Acceptable Solution G13/AS1



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9. Supporting Documentation for Certification

Reference to any acceptable solutions, verification methods, New Zealand Standards, or other compliance pathways referenced against each individual performance requirement the building method or product is compliant with, and their specific version and date. Reference to documents describing tests and evaluations and any other documents relied on for certification or used to prove compliance, including their full title, specific version and date.

- Acceptable Solutions and Verification Methods for New Zealand Building Code Clause B2 Durability Second edition (Amendment 12), 28 November 2019
- Acceptable Solutions and Verification Methods Acceptable Solutions and Verification Methods For New Zealand Building Code Clause G12 Water Supplies Third edition (Amendment 12), 27 June 2019
- Acceptable Solutions and Verification Methods For New Zealand Building Code Clause G13 Foul Water Second edition (Amendment 9), 5 November 2020
- Kiwa Safety Certificate Test no. K102335/02, Water Recycling System, 15 November 2021
- EU Declaration of Conformity with the international electrical safety standard EN60335-1:2012+ A11:2014 + A13:2017 +A1:2019 + A2:2019 + A14:2019, 8 December 2022
- Certification Company B V report 2022-547 Electrical Safety Assessment and EMC/FCC Measurements Hydraloop H600 & Hydraloop H300, 12 July 2022
- Installation Manual H300 & H600 2.1
- Installation QA Version 1: 30 June 2023

10. Supporting Information About Description (Optional)

Any supporting information for section 3.

N/A

11. Supporting Information About Intended Use (Optional)

Any supporting information for section 4.

N/A

12. Supporting Information About Conditions and Limitations of Use (Optional)

Any supporting information for section 6.

N/A



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All CodeMark certificates that are current must be registered with MBIE. MBIE maintains a register of valid product certificates. [Please find the register here.](#)

If the certificate is not listed on this register or it appears as (SUSPENDED), it is not a valid CodeMark certificate and does not have to be accepted by a building consent authority as establishing compliance with the New Zealand Building Code.



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