



Forza Stainless Steel V Press BPIR Declaration

Version: V1

Designated building product: Class 1

Declaration

Aqualine Trading Limited has provided this declaration to satisfy the provisions of Schedule 1(d) of the Building (Building Product Information Requirements) Regulations 2022.

Product/system

Name	Forza Stainless Steel V Press
Line	
Identifier	Forza Stainless Steel V Press

Description

Forza Stainless Steel V Press is available in sizes DN15 through to DN168 with applications that are extensive due to a range of O-rings capable of use within; heavy industry, chemical, high temperature, water or gas in 316L grade.

Scope of use

To ensure the correct use of Forza Stainless Steel Press tube and fittings, please confirm with Forza Global that the tube and proposed O-ring seal materials are suitable for the application.

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Some typical applications are listed below:

- Fluids (cold and hot water systems, fire and sprinkler systems, fuel and oil)
- Gases (including natural gas, inert gas, fuel gas, technical gases, compressed air)
- Chemical installations
- Industrial installations (such as pump lines, brine lines, vacuum piping, oils, industrial mixtures)
- Solar installations
- Electrical conduits, and much more

Conditions of use

To ensure the correct use of Forza Stainless Steel Press tube and fittings, please confirm with Forza Global that the tube and proposed O-ring seal materials are suitable for the application.

Relevant building code clauses

B2 Durability – B2.3.1 (a)

F2 Hazardous building materials – F2.3.1

G10 Piped services – G10.3.1

G12 Water Supplies – G12.3.2, G12.3.7

H1 Energy efficiency – H1.3.3

Contributions to compliance

- Watermark license/certificate and is compliant to AS 3688:2016 Water Supply and gas systems – Metallic fittings and end connectors
- Watermark license/certificate and is compliant to ATS 5200.053:2008 – Plumbing and drainage products – Stainless Steel pipes and tubes for pressure application
- All products manufactured to be used in potable water systems have been tested in accordance with AS/NZS 4020:2005 – testing of product for use in contact with drinking water



Supporting documentation

The following additional documentation supports the above statements:

Forza Global A4 SS Press technical catalogue (Design, Installation, Maintenance, Warranty)	Version 1	https://aqualine.co.nz/pages/downloads
Forza SS Gas Spec Document 2022 (Certification, Design, Warranty)	Version 1	https://aqualine.co.nz/pages/downloads
Forza SS Potable water Spec 2022 (Certification, Design, Warranty)	Version 1	https://aqualine.co.nz/pages/downloads
Forza SS Press General Spec Document 2022 (Certification, Design, Warranty)	Version 1	https://aqualine.co.nz/pages/downloads
Forza SS Press Hot Water 2022 (Certification, Design, Warranty)	Version 1	https://aqualine.co.nz/pages/downloads
Forza SS Press Sprinkler System 2022 (Certification, Design, Warranty)	Version 1	https://aqualine.co.nz/pages/downloads

For further information supporting Forza Stainless Steel V Press claims refer to our website.

Contact details

Manufacture location	Overseas
Legal and trading name of manufacturer	Forza Global
Legal and trading name of importer	Aqualine Trading Limited



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Importer address for service	7 Winston Place Auckland 0654
Importer website	www.aqualine.co.nz
Importer NZBN	9429051344122
Importer email	
Importer phone number	098372725

Responsible person

As the responsible person as set out in Regulation 3, I confirm that the information supplied in this declaration is based on information supplied to the company as well as the company's own processes and is therefore to the best of my knowledge, correct.

I can also confirm that Forza Stainless Steel V Press is not subject to a warning on ban under [s26 of the Building Act](#).

Signed for and on behalf of **Aqualine Trading Limited**:

Jeff La Haye
Managing Director
November 2023

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Appendix

Note: The below appendix includes information relating to BPIR Ready.

Publishing this information is not a requirement under BPIR. Its inclusion here is to provide a reference for how this BPIR summary was generated as well as to help summary creators understand the performance clauses suggested by BPIR Ready.

BPIR Ready selections

Category: Potable water conveying systems

	Yes	No
Intended for hot water transmission	x	
Capable of being permanently concealed	x	

Building code performance clauses

B2 Durability

B2.3.1

Building elements must, with only normal maintenance, continue to satisfy the performance requirements of this code for the lesser of the *specified intended life* of the *building*, if stated, or:

- (a) the life of the building, being not less than 50 years, if: those building elements (including floors, walls, and fixings) provide structural stability to the building, or those building elements are difficult to access or replace, or failure of those building elements to comply with the building code would go undetected during both normal use and maintenance of the building



F2 Hazardous building materials

F2.3.1

The quantities of gas, liquid, radiation or solid particles emitted by materials used in the *construction of buildings*, shall not give rise to harmful concentrations at the surface of the material where the material is exposed, or in the atmosphere of any space.

G10 Piped services

G10.3.1

Piping systems shall be constructed to avoid the likelihood of:

- a. significant leakage or damage during normal or reasonably foreseeable abnormal conditions,
- b. detrimental contamination of the contents by other substances,
- c. adverse interaction between services, or between piping and electrical systems, and
- d. people having contact with pipes which could cause them harm.

G12 Water Supplies

G12.3.2

A potable *water supply system* must be—

- a. protected from contamination; and
- b. installed in a manner that avoids the likelihood of contamination within the system and the water main; and
- c. installed using components that will not contaminate the water.

G12.3.7



Water supply systems must be installed in a manner that

- a. pipes water to *sanitary fixtures* and *sanitary appliances* at flow rates that are *adequate* for the correct functioning of those *fixtures* and *appliances* under normal conditions; and
- b. avoids the likelihood of leakage; and
- c. allows reasonable access to components likely to need maintenance; and
- d. allows the system and any backflow prevention devices to be isolated for testing and maintenance.

H1 Energy efficiency

H1.3.3

Account must be taken of physical conditions likely to affect energy performance of buildings, including

- a. the thermal mass of *building elements*; and
- b. the building orientation and shape; and
- c. the airtightness of the building envelope; and
- d. the heat gains from services, processes and occupants; and
- e. the local climate; and
- f. heat gains from solar radiation.