

CERTIFICATE OF LISTING

IAPMO Plumbing Codes and Standards India Private Ltd. (aka IAPMO India) is a product certification body which lists and inspects samples taken from the supplier's stock or from the market or a combination of both to verify compliance to the requirements of applicable codes and standards. This activity is coupled with periodic surveillance of the supplier's factory and warehouses as well as the assessment of the supplier's Quality Assurance System. This listing is subject to the conditions set forth in the characteristics below and is not to be construed as any recommendation, assurance or guarantee by IAPMO India of the product acceptance by Authorities Having Jurisdiction.

Licensee: HSIL Limited, 301-302, III Floor, Park Centra, Sector 30, N.H-8, Gurgaon, Haryana, India 122001

File No: IN-1005

Product: Dual Flush Water Closets

Void After: January 31, 2021

IDENTIFICATION:

The manufacturer's name or registered trademark, or, in the case of private labeling, the name of the customer for whom the fixture was manufactured, shall be permanently applied so as to be legible, readily identified, and located so as to be visible after installation. The model number of each water closet, or bowl and tank model numbers in the case of close-coupled water closets, shall be applied on each component so as to be legible and visible after installation.

Each water closet shall be marked, identifying the water consumption of the fixture. This disclosure shall be expressed in terms of liters per flush as follows:

- (a) 4.8 Lpf, or the actual tested water consumption, if lower, for high-efficiency water closets;
- (b) 6.0 Lpf, or the actual tested water consumption, if lower, for low consumption water closets.

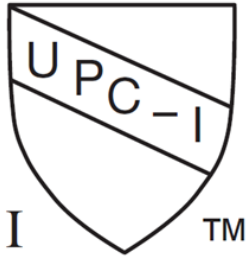
Each Gravity flush tank shall be permanently marked by the manufacturer with a water level mark, or with the information necessary to determine the water level in the tank needed to deliver the intended flush volume. This mark shall be applied to the vitreous body in the tank, the tank liner, or the flush-valve overflow tube. The vertical distance between the water level mark and the lowest point of the tank overflow channel shall not exceed 38 mm.

Fixtures that do not comply with one or more of the dimensional requirements of standard ASME A112.19.2-2013/CSA B45.1-13 shall be marked with an "N" to indicate the non-standard nature of the fixture.

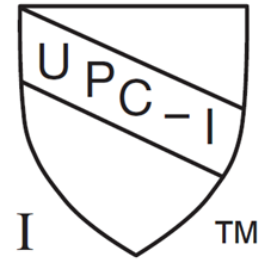
Water closet tanks shall have a label indicating at least the following:

- (a) the telephone number of a service department from which end-users can obtain replacement parts;
- (b) the serial or part number of the flush valve seal; and
- (c) information on procuring replacement parts for maintaining the original flush volume.

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IAPMO Plumbing Codes and Standards India Pvt. Ltd.
 No.43, 4th Floor, PMR Tower, Beratena Agrahara, Near Hosa Road junction, Bangalore, Karnataka 560100



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All packaging for vitreous plumbing fixtures shall be marked with the manufacturer's name or registered trademark, or, in case of private labeling, the name of the customer for whom the fixture was manufactured, and the model number of the fixture. Listed products shall bear the UPC-I™ certification mark.

CHARACTERISTICS: Water closets equipped with a dual flushing device. To be installed to the manufacturer's instructions and requirements of the latest edition of the Uniform Illustrated Plumbing Code – India (UPC-I). Products comply to applicable sections of the latest edition of the Uniform Illustrated Plumbing Code – India, ASME A112.19.2-2013/CSA B45.1-13 with Update No. 1, and ASME A112.19.14-2013. Sample models listed on this certificate were tested by an IAPMO India recognized laboratory that was found compliant to applicable requirements in ISO/IEC 17025.

K. Chandrasekhar

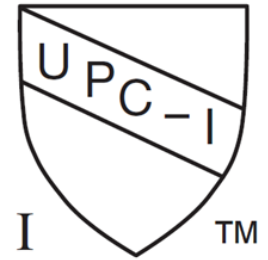
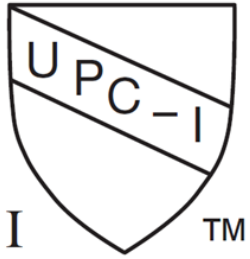
Dr. K. Chandrasekhar
IAPMO India

Russ Chaney

GP Russ Chaney
CEO, The IAPMO Group



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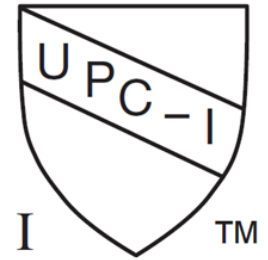
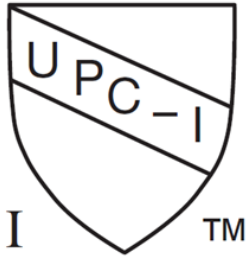
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MODELS:

EWC Model	Model Type	Bowl	Cistern
Constellation	2 PC Wall Hung Extended	20028	21038
Cleo 'S-220/190	2 PC Floor Mount	20050	21033, 21034
Studio 'P	2 PC Wall Hung Extended	20058	21028
Lara	Wall Hung EWC with Concealed Cistern	20069	R&T G3004
Mario	Wall Hung EWC with Concealed Cistern	20082	R&T G3004
Mario 'P	2 PC Wall Hung Extended	20084	21052
Enigma	Wall Hung EWC with Concealed Cistern	92024	R&T G3004
Olivia 'S-300	1 PC EWC Floor Mount	92038	-
Olivia 'S-220	1 PC EWC Floor Mount	92042	-
Elba 'S-220	1 PC EWC Floor Mount	92048	-
Essence	Wall Hung EWC with Concealed Cistern	92051	R&T G3004
Florence 'S-220	2 PC Floor Mount	92058	92122

Note: For EWC water consumptions, see HSIL's WEP-I Listing Certificate #IN-1006.

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<u>EWC Model</u>	<u>Model Type</u>	<u>Bowl</u>	<u>Cistern</u>
Cedar 'S' -100	1 PC EWC Floor Mount	92072	-
Element	Wall Hung EWC with Concealed Cistern	92081	R&T G3004
Element 'S' 30cm	1 PC EWC Floor Mount	92082	-
Estella 'S-300	1 PC EWC Floor Mount	92083	-
Element 'S-220	1 PC EWC Floor Mount	92084	-
Element 'S' 10cm	1 PC EWC Floor Mount	92085	-
Twilight	Wall Hung EWC with Concealed Cistern	92092	R&T G3004
Enigma Slim	Wall Hung EWC with Concealed Cistern	92502	R&T G3004
Alpine 'S-300	1 PC EWC Floor Mount	92503	-
Alpine 'S-220	1 PC EWC Floor Mount	92504	-
Athens 'S-300	1 PC EWC Floor Mount	92511	-
Cedar 'S' 22cm	1 PC EWC Floor Mount	92537	-

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