

10th March 2026

Distribution: WC Pan with Flush Valves solution providers.

ANNOUNCEMENT OF WC PAN WITH FLUSH VALVES PRODUCT CERTIFICATION UNDER SGBP SCHEME

Background

1 This circular serves to inform the industry about the introduction of the new Water Closet (WC) Pan with Flush Valves Category under the Singapore Green Building Product (SGBP) certification scheme.

2 Total water demand in Singapore is expected to grow while the impact of climate change will also increase the stress on our limited water resources. Adopting water-efficient toilet designs can significantly reduce overall water usage of buildings, lower utility costs, and support responsible resource management. At the same time, sustainable WC systems that are well-designed, durable, and easy to maintain can help to improve operational efficiency by reducing maintenance/cleaning interventions, optimise manpower allocation, and allow facility management teams to focus on higher-value tasks. Together, improved water efficiency and reduced maintenance demands contribute to both environmental sustainability and operational effectiveness.

Scope of WC Pan with Flush Valves Category in SGBP

3 For the purpose of SGBP certification, WC Pan with Flush Valves is a modern sanitation fixture designed to deliver efficient, high-performance flushing. It uses a direct-flush valve connected to the mains water supply, allowing water to be released at high pressure for a powerful and immediate flush. This system is widely preferred in commercial and high-traffic environments due to its durability, rapid operation, and water-saving capabilities. WC pans with flush valves also offer a streamlined aesthetic, reduced maintenance requirements, and improved hygiene—especially when paired with touch-free or sensor-activated flush valves.

Evaluation Criteria

4 The WC Pan with Flush Valves evaluation criterion emphasises efficient flushing performance and water savings potential, measured in litres per flush, to ensure effective waste removal while minimising water use. Compliance is demonstrated through certified testing of flush valves used with WC pans in accordance with PUB Standards and Requirements (S&R). This ensures transparency and consistency in water efficiency claims and supports the adoption of high-performance sanitary fittings that reduce potable water consumption and contribute to sustainable water resource management.

5 The criterion also includes manpower savings requirement which assesses the extent to which the product improves productivity and reduces manual labour requirements throughout its operation and maintenance phases. Manufacturers are required to provide verifiable evidence demonstrating reductions in man-hours, such as reduced maintenance frequency or enhanced operational efficiency.

6 These requirements, with other holistic sustainability attributes, support the certification of WC Pan with Flush Valves products that provide verified water-efficient performance, promoting sustainable water use while maintaining hygiene, functionality, and overall performance.

Implementation Timeline

7 The new WC Pan with Flush Valves criteria is open for applications with immediate effect.

For Clarification

8 We would appreciate if you could convey the contents of this circular to relevant members of your organisation. For any queries concerning this circular, please do not hesitate to contact SGBC at certification@sgbc.sg.