

Your Ref :

Our Ref : WSN 92413/90/202502/StorageWaterHeater

Date : 22 Aug 2025

[Distribution via email]

Dear Storage Water Heater Suppliers,

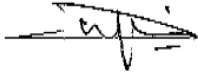
ADVISORY AGAINST THE USE OF ALUMINIUM ANODES AND COMPONENTS IN STORAGE WATER HEATERS

PUB recently investigated water quality issues at a residential development where elevated Aluminium levels were detected in the hot water supply.

2. Our investigations confirmed that the water quality issues arose from storage water heaters fitted with Aluminium anodes. Aluminium anodes are not compatible with Singapore's soft water conditions and can lead to accelerated corrosion, formation of Aluminium hydroxide deposits, and elevated Aluminium levels in water, resulting in impaired water quality and consumer complaints.
3. All storage water heater suppliers are **strongly advised** against the use of Aluminium anodes and any Aluminium components that come into direct contact with water in storage water heaters supplied for the Singapore market. Suppliers must also ensure that product specifications and documentation accurately reflect the actual materials and components used in their products. Any changes to product specifications, particularly those involving materials in contact with water, must be promptly communicated to consumers, homeowners, Licensed Plumbers, and all relevant parties.
4. Suppliers currently using Aluminium anodes or components are to **immediately cease supply**, switch to alternative compatible materials, and **report such usage to PUB within 14 calendar days**, together with details of affected models and supply volumes. This will enable PUB to assess the extent of impact and follow up accordingly.
5. PUB is reviewing current stipulations with the intent to prohibit the use of Aluminium anodes and Aluminium components in contact with water for all new storage water heaters. Details of the industry consultation will be communicated in due course.

6. PUB appreciates the industry's cooperation in upholding high water quality standards for consumers. Please contact us at nur_iryani_younos@pub.gov.sg should you require any clarification.

Yours faithfully

A handwritten signature in black ink, appearing to read 'Nur Iryani Younos', written over a horizontal line.

NUR IRYANI YOUNOS
SENIOR ASSISTANT ENGINEER (INSPECTORATE)
for DIRECTOR
WATER SUPPLY (NETWORK) DEPARTMENT