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Our reference: WWP-20069

Attn: Steve Tedmanson  
Taylex Industries Pty Ltd  
56 Prairie Road  
Ormeau QLD 3660

Dear Mr Tedmanson,

**RE: PRODUCT APPROVAL FOR THE TAYLEX INDUSTRIES PTY LTD TAYLEX CONCRETE ABS1500 SECONDARY TREATMENT SYSTEM.**

We refer to your application seeking product approval for the above Taylex Industries Pty Ltd on-site domestic wastewater treatment unit.

Approval of the product is granted on the basis that the Taylex Concrete ABS1500 has been certified by Global Certification Pty Ltd to conform with:

- AS 1546.3:2017 - On-site domestic wastewater treatment units – Secondary treatment systems, as demonstrated by Product Certificate of Registration Number 40/22, and
- AS/NZS 1546.1:2008 – On-site domestic wastewater treatment units – Septic tanks, as demonstrated by Certificate of Conformance Number 040/1.

Pursuant to the South Australian Public Health (Wastewater) Regulations 2013, product approval is subject to the following conditions:

1. The approved secondary treatment system incorporates:
  - 1.1. A single cylindrical vertical axis concrete tank and 100mm thick concrete cover, with Standard model tank 2220mm tall, the Tall 300 model 2520mm tall, the Tall 400 model 2620mm tall, and the Tall 600 model 2820mm tall.
  - 1.2. The capacity to treat a maximum hydraulic flow of 1500L/day and an organic load of 700g BOD<sub>5</sub>/day.
2. The product shall be manufactured and constructed in accordance with:
  - 2.1. The plans and specifications, as referenced in this approval.
  - 2.2. AS 1546.3:2017 – On-site domestic wastewater treatment units – Secondary treatment systems.

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- 2.3. AS/NZS 1546.1:2008 – On-site domestic wastewater treatment units – Septic tanks.
  - 2.4. All other relevant standards and codes.
  - 2.5. Conditions of this approval.
3. The seller of the approved product shall provide the purchaser with an electronic or hard copy of the:
- 3.1. Taylex Tanks Home Owner’s Manual, Taylex Advanced Blower System 1500 (ABS1500), Version 1.
  - 3.2. Taylex Tanks Installation Manual Concrete Advanced Blower System 1500 (ABS1500).
  - 3.3. Relevant Taylex Tanks Taylex ABS1500 Excavation Instructions.
  - 3.4. Taylex Tanks Taylex ABS Commissioning Checklist.
  - 3.5. Any other instructions relating to the installation, operation or maintenance of the product.
4. Modification of the design, materials or manufacturing process of the approved product or any associated components requires a variation to this approval by the Department for Health and Wellbeing.
5. The product approval will expire on 19 August 2025, at which time the product will no longer be approved and will be removed from the SA Health approved product database.
6. This product approval does not constitute approval for the installation of the product.

Approved by:

Date: 29 September 2020



Karen Bennink  
**Manager, Wastewater Management**  
Delegate of the Minister for Health and Wellbeing

**References:**

- Global Certification Audit Report, dated 5 August 2020.
- Global Certification Pty Ltd Product Certificate of Registration, Number 40/22, dated 19 August 2020.
- Global Certification Pty Ltd Certificate of Conformance, Number 040/1, date of issue 19 August 2020.

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- Taylex Tanks Home Owners Manual, Taylex Advanced Blower System 1500 (ABS1500), Version 1.
- Taylex Tanks Installation Manual Concrete Advanced Blower System 1500 (ABS1500).
- Taylex Tanks Taylex ABS1500 Excavation Instructions for the Standard, Tall 300, Tall 400 and Tall 600 tanks.
- Taylex Tanks Taylex ABS Commissioning Checklist.
- Taylex Tanks Specifications Concrete Advanced Blower System 1500 (ABS1500).
- Taylex ABS engineering drawings for the Standard, Tall 300, Tall 400 and Tall 600 tanks.

**Notes:**

***Pursuant to the SA Public Health (Wastewater) Regulations 2013***

1. *The DHW may, by written notice, revoke the approval if satisfied that:*
  - 1.1. *The approval was obtained improperly.*
  - 1.2. *A condition of the approval has been contravened.*
2. *The DHW may conduct an inspection of an approved product to establish compliance with the submitted plans and the conditions of this approval.*
3. *The DHW may vary or revoke any or all of the approval conditions, or impose a further condition where:*
  - 3.1. *Variation, revocation or imposition is necessary in order to prevent or mitigate significant harm to public or environmental health or the risk of such harm.*
  - 3.2. *Reference to a new version of a manual is required.*