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Our reference: WWP-20068

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 Poly PABS1500 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 Poly PABS1500 has been certified by Global Certification Pty Ltd to conform with:

- AS/NZS 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 040/7.

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 polyethylene tank
 - 1.2. The capacity to treat a maximum hydraulic flow of 1500L/day and an organic load of 700g BOD5/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/NZS 1546.3:2017 – On-site domestic wastewater treatment units – Secondary treatment systems.
 - 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 Poly Advanced Blower System 1500 (PABS1500).
 - 3.3. Taylex Tanks Taylex PABS1500 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 DHW.
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: 22 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 040/7, date of issue 23 January 2020.
- "Taylex Underground Septic Tank – Revision #1" reported, prepared by David Beneke Consulting Pty Ltd, dated 12 July 2010.
- Taylex Tanks Home Owners Manual, Taylex Advanced Blower System 1500 (ABS1500), Version 1.
- Taylex Tanks Installation Manual Poly Advanced Blower System 1500 (PABS1500).

- Taylex Tanks Taylex PABS1500 Excavation Instructions.
- Taylex Tanks Taylex ABS Commissioning Checklist.
- Taylex Tanks Poly Advanced Blower System 1500 PABS1500 Specifications.
- Taylex Tanks drawing 1 of 1, project PABS1500, title Taylex PABS1500.
- Air compressor model LA-80B-A1141-Q1-1411 technical specifications.
- Taylex Tanks Components List and Repair – Replacement Instructions.

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.*