



April 22, 2009 RE-ISSUED 06/08/09

ORENCO SYSTEMS INC  
JASON CHURCHILL  
814 AIRWAY AVE  
SUTHERLIN OR 97470

Re: Description: SEPTIC TANK EFFLUENT PUMP SYSTEM (STEP)  
Manufacturer: ORENCO SYSTEMS INC  
Product Name: BIOTUBE® EASYPAK PUMP PACKAGES  
Model Number(s): BEP-10, BEP-30, BEP-50  
(DEMAND DOSE AND TIME DOSE PACKAGES-- DD, TDA, or TDD models)  
[BEP-10 SERIES: MAX. 15 GPM; BEP-30 SERIES: MAX. 40 GPM; BEP-50 SERIES: MAX.  
65 GPM]  
Product File No: 20090046

The specifications and/or plans for this plumbing product have been reviewed and determined to be in compliance with chapters Comm 82 through 84, Wisconsin Administrative Code, and Chapters 145 and 160, Wisconsin Statutes.

The Department hereby issues an approval based on the Wisconsin Statutes and the Wisconsin Administrative Code. **This approval is valid until the end of April 2014.**

This approval is contingent upon compliance with the following stipulation(s):

- Installation and servicing of this product must be in accordance with the manufacturer's instructions. A copy of the manufacturer's installation and servicing instructions must be given to the owner of the system.
- Maintenance information must be given to the owner of the tank explaining that periodic cleaning of the filter will be necessary.
- This product must be utilized in accordance with the manufacturer's printed installation instructions and this product approval. If there is a conflict between the manufacturer's installation instructions and the product approval, the product approval requirements will take precedence.
- A copy of this approval letter and the manufacturer's printed installation instructions must be supplied to the buyer of this product.
- This product shall be cleaned and maintained at the same time as the tank pumping interval, if necessary.
- This unit shall include a permanently-affixed label identifying the manufacturer and model number.
- Description: This package is an alternative to "pump-on-a-block" systems. It consists of a pump vault with 4 in. Orenco turbine effluent pump, Biotube cartridges and control panel.
- A local or state sanitary permit must be obtained when this product is to be installed in a sewage treatment tank. A properly credentialed/licensed person must perform the installation.
- This system shall be installed in only Commerce-approved pump tanks; including the second compartment of an approved septic/pump tank. No installation of an additional effluent filter is required.

- See attachments:
  - A = Pump system using EasyPak Biotube Vault (incl. sample tank schematic)
  - B = EasyPak Biotube Pump package (incl. individual pump curves for use in system design)
  - C = EasyPak Design Criteria (incl. installation manual and headloss calculations).
- When this product is use in conjunction with a simplex pump in the pump compartment of a septic/pump tank, the pump compartment must be sufficient to accommodate a one-day reserve zone above the high water alarm level.
- Additional information is included as attachment(s) to this letter; see attachment A, B and C.

**RE-ISSUED 06/08/09**

The department is in no way endorsing this product or any advertising, and is not responsible for any situation which may result from its use.

Sincerely,

Jean M. MacCubbin, CST  
Engineering Consultant--Plumbing Product Reviewer  
Commerce; Safety & Buildings Div.  
PO Box 2658  
201 W Washington Ave.  
Madison WI 53703-2658  
Phone: 608-266-0955; Fax: 608-283-7456  
E-mail: Jean.MacCubbin@wisconsin.gov