

July 11, 2007 **RE-ISSUED 6/25/09**

ORENCO SYSTEMS INC  
GOVERNMENT RELATIONS  
ANGELA BOUNDS  
814 AIRWAY AVE  
SUTHERLIN OR 97479

Re: Description: **SEWAGE TREATMENT APPARATUS, FILTER CONTAINER/VAULT\***  
Manufacturer: ORENCO SYSTEMS INC  
Product Name: SCREENED VAULTS  
Model Number(s): DOSING SIPHON/SCREEN VAULT: OSI\*\*\*\* (\*\*\*\* INDICATES DIAMETER OF SIPHON DISCHARGE IN INCHES FOLLOWED BY THE SIPHON DRAWDOWN IN INCHES)  
SCREENED PUMP VAULT: SV1500 SERIES; STANDARD MODELS: SV1548-16, SV1548FI-16, SV1554-22, SV1554FI-22, SV12510-28, SV12510FI-28, SV12510FIFI-18; AND  
OPTIONAL MODELS SV\*\*\*\*FI-\*\* (\*\*\*\* BEFORE FI, INDICATES VAULT DIAMETER IN INCHES, FOLLOWED BY VAULT HEIGHT IN INCHES, FI INDICATES OPTIONAL FLOW INDICATOR, \*\* AFTER FI, INDICATES INLET HOLE HEIGHT IN INCHES)  
Product File No: 20070263

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 July 2012.**

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.
- This product must be installed in sewage treatment tanks approved by the Department of Commerce, Division of Safety and Buildings for use with this product.
- When this product is used in conjunction with a high head turbine pump, the pump must be installed in the manufacturer's Flow Inducer located in the screen vault.
- When this product is used to pump from a single compartment septic/pump tank, the discharge rate of the pump must not exceed 30 gallons per minute.
- When this product has a siphon installed in the vault, the siphon must discharge discrete, incremental volumes of effluent.
- When this product is use in conjunction with a simplex pump in a septic tank used as a septic tank effluent pump system, the size of the septic tank must be sufficient to accommodate a:
  1. Treatment zone equal to 2.088 times the design wastewater flow entering the tank,
  2. Drawdown zone, and
  3. One-day reserve zone above the high water alarm level.

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- When this product is installed in conjunction with a simplex pump in a pump tank, the size of the pump tank must be sufficient to accommodate a one-day reserve zone above the high water alarm level.
- When this product is use in conjunction with a simplex pump in the pump compartment of a septic/pump tank:
  1. The pump compartment must be sufficient to accommodate a one-day reserve zone above the high water alarm level; or
  2. The septic/pump tank must be sufficient to accommodate a:
    - a. Treatment zone equal to 2.088 times the design wastewater flow entering the tank,
    - b. Drawdown zone, and
    - c. One-day reserve zone above the high water alarm level.

This approval supersedes the approval issued on 12/21/2001/07/11/2007 under product file number 20010073/20070263.

This approval letter shall be incorporated with your previously approved plans and/or specifications approved under product file number 20070263.

**\* This product type category has been changed to better reflect it's use; it was previously approved as STA-sewage treatment apparatus; it is now listed as STAFCV- sewage treatment apparatus, container/vault.**

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  
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