



February 14, 2013

ACE ROTO-MOLD MFG., INC
DEN HARTOG IND INC
GREG DANKO
4010 HWY 60 BLVD
PO BOX 425
HOSPERS IA 51238-0425

Re: Description: SEWAGE TANKS, POLYETHYLENE
Manufacturer: ACE ROTO-MOLD MFG., INC
Product Name: SEPTIC
Model Number(s): AST-1000-1
(48" L.L. 30" MAX. DEPTH OF BURY, 483 GPD WHEN USED AS A SEPTIC TANK
BASED ON A 3 YR. SERVICE INTERVAL FOR RESIDENTIAL WASTEWATER)
Product File No: 20120369

The specifications and/or plans for this plumbing product have been reviewed and determined to be in compliance with chapters SPS 382 through 384, 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 February 2018.**

This approval supersedes the approval issued on 10/31/2007 under product file number 20070477. This approval letter shall be incorporated with you previously approved plans and/or specifications approved under product file number 20070477.

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

- This tank must be designed to withstand the pressures to which it will be subjected.
- The manufacturer must keep at the manufacturing plant a set of plans and specifications bearing the department's stamp of approval. The plans and specifications must be open to inspection by an authorized representative of the department.
- This product may only be used as a septic tank.
- 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.
- The inlet, outlet and tees must be schedule 40 PVC conforming to ASTM standard D2665 or D1785.
- The tees must be installed so that they extend a minimum six inches above the liquid level, nine inches below the liquid level but not more than 1/3 below the liquid level of the tank and have at least two inches of clearance between the top of the tee and the tank.
- The tees must be located between the end wall and the center line of the manhole on one end of the tank and between the end wall and the center line of the 10 inch observation pipe on the other end of the tank.
- The septic tank must be installed a minimum of eight but not more than thirty inches below final grade.

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- When this product receives wastewater from dwellings and is used as a septic tank, it will produce an effluent quality with a maximum monthly average value for BOD5 of greater than 30 mg/L and less than or equal to 220 mg/L TSS, or greater than 30 mg/L or less than or equal to 150 mg/L TSS, and F.O.G. of less than 30 mg/L.

As of May 15, 2008, a copy of a successful water tightness test report for this product must be AVAILABLE FOR INSPECTION AT THE MANUFACTURER'S PLANT prior to this product being used as a POWTS holding or treatment tank in Wisconsin.

Updated Tank Cross-section. Our records show that the tank cross section(s) on file are at least 10 years old. To update our records, please submit tank cross section(s) with associated dimensions, liquid limits, gallons/inch, bury depths, bedding specs., risers, covers, baffles, etc.

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,

Glen A. Jones

Public Swimming Pool Plan / Plumbing Product Reviewer

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