

March 15, 2011

WEIS CAST  
WEIS EXCAVATING INC.  
DALE WEIS  
PO BOX 340  
JOHNSON CREEK WI 53038-0340

Re: Description: SEWAGE TANKS, CONCRETE  
Manufacturer: WEIS CAST  
Product Name: SEPTIC, HOLDING OR PUMP \*  
Model Number(s): 1000  
(50 IN. L.L., 21.02 GAL/IN., 96 IN. MAX. DEPTH OF BURY, 503 G.P.D. WHEN USED AS  
A SEPTIC TANK BASED ON A 3 YR. SERVICE INTERVAL FOR RESIDENTIAL  
WASTEWATER; TANK DIMENSIONS = 107 IN. L X 58 IN. W X 58 IN. H)  
Product File No: 20110074

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 March 2016.**

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.
- 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.
- **TANK BEDDING: The bottom of the excavation for installing a tank shall have a minimum of 3 inches of tamped material unless the native soils are granular in nature and contains no material larger than one(1) inch in size. The bedding material shall be sand, screenings, TB type limestone up to 1 ¼" in size, screened or washed stone up to 1 ½" in size. It shall be hand leveled to provide uniform support to the bottom of the tank.**
- **TANK BACKFILL: The back fill used on the tank sides or cover shall be placed in uniform layers not to exceed 24 inches in depth. Fill material shall not exceed 3 inches in size. Above 24 inches of the cover, soil may be used with up to 6 inch stones except within 18 inches of the manhole risers, then stone may not exceed 3 inches in size. Compaction equipment is not advised within 24 inches of the tank cover or 12 inches of the manhole risers. If settling is a concern, use material meeting bedding requirements to backfill, especially where pipes, conduit and wires exit. No frozen material may be used within 24 inches of the cover or within 18 inches of a manhole riser. The backfill material shall be free of debris.**

- This product is approved to use the following:
  - Department approved effluent filter designed to be installed in a four inch diameter tee with extension and installed in accordance with the product approval for the filter including a properly sized and located access opening for service and maintenance.
  - Neenah Foundry Co., self-sealing manhole cover OR Poly Lok riser/ manhole cover & adaptor ring, variable riser heights.
  - Conseal CS 301 or 302 or Press Seal CPS or equal joint sealant for tank wall, tank cover and riser joints.
  - Optional one or two manholes in tank cover.

This approval supersedes the approval issued on 3/2/2006 under product file number 20060028.

This approval letter shall be incorporated with your previously approved plans and/or specifications approved under product file number 20060028.

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.

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,

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