



August 30, 2012

AK INDUSTRIES, INC.  
WASTEWATER  
KURT A. SNEARLY  
PO BOX 640  
PLYMOUTH IN 46563

Re: Description: SEWAGE TANKS, POLYETHYLENE  
Manufacturer: AK INDUSTRIES, INC.  
Product Name: (was 20060394) QTS LOW PROFILE 1050 GAL. SEPTIC TANK/BAFFLED/20&20 LID;  
**SEPTIC**  
Model Number(s): AKS-50705  
(40 IN. L.L., 24 IN. MAX. DEPTH OF BURY, 507 G.P.D. WHEN USED AS SEPTIC TANK  
BASED ON 3 YR. SERVICE INTERVAL FOR RESIDENTIAL WASTEWATER; TANK  
DIMENSIONS (OD) = 125.75 IN. L X 67 IN. W X 40.0 IN. H)  
**Product File No: 20120330**

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 August 2017.**

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.
- 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.

- **BACKFILL: Course sand or fine gravel backfill of ½ in. or smaller must be used and completely surround and cover the tank within one-foot or less of the ground surface.**
- **BEDDING: Compacted aggregate conforming to tank base at depth and diameter as per manufacturer's installation instructions; dewater excavation prior to installation.**
- LIDS AND RISERS: Romar risers/lids and covers available in variable heights.

This approval supersedes the approval issued on 5/17/2007 under product file number 20060394.

This approval letter shall be incorporated with your previously approved plans and/or specifications approved under product file number 20060394.

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,

Jean M. MacCubbin, CST  
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