



**Scott Walker, Governor**  
**Dave Ross, Secretary**

December 08, 2015

Identification Numbers
<b>Transaction ID No. 2636450</b>
<b>Site ID No.</b>
Please refer to both identification numbers, above, in all correspondence with the agency.

CUST ID No. 1320670

JOE BALCIAR  
FRANCIS MELVIN INC  
1022 E SPRUCE ST PO BOX 646  
ABBOTSFORD WI 54405

**PLAN APPROVAL EXPIRES: 12/31/2020**

Re: Description: SEWAGE TANKS, CONCRETE  
 Manufacturer: FRANCIS MELVIN INC.  
 Product Name: SEPTIC, HOLDING OR PUMP (trans id 2636450)  
 Model Number(s): 1500  
 (45.0 IN. L.L., 34.8 GAL/IN., 72 IN. MAX. DEPTH OF BURY, 759 G.P.D. WHEN USED AS A SEPTIC TANK BASED ON A 3 YR. SERVICE INTERVAL FOR RESIDENTIAL WASTEWATER; TANK DIMENSIONS (OD) = 144 IN. L X 67 IN. W X 62 IN. H)  
 Product File No: 20150288

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 December 2020.**

This approval supersedes the approval issued on 7/9/2010 under product file number 20100293.

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

- This product is approved to use the following:
  - Cast-A-Seal by Press Seal Gasket Corp. and A-Lok X-Cel by A-Lok Products, Inc.
  - Pipe materials constructed in conformance with Table 384.30-2 or 384.30-11, Wis. Admin. Code poured into tank cover, tank wall or access cover.
  - Department approved effluent filter installed in accordance with the product approval for the filter including a properly sized and located access opening for service and maintenance.
  - Two inch schedule 40 PVC cast in riser for electrical wiring.
  - Interior wall with minimum open area of 30 x 24 inches near bottom of wall for septic, holding and pump tanks.
  - Bottom and side pipe openings for pump and holding tanks.
- 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 greater than 30 mg/L but less than or equal to 220 mg/L, TSS greater than 30 mg/L but less than or equal to 150 mg/L and F.O.G. less than or equal to 30 mg/L.
- Optional risers include: 24 in. diameter concrete riser, EZ Set plastic riser or Tuf-Tite plastic riser; concrete riser has 4 in. PVC schedule 40 coupling to connect to schedule 40 PVC pipe installed by plumber on the job site.
- BEDDING: Place on soils capable of bearing the weight of the tank and its contents. Unstable soils or bedrock must have 3 inches of tamped bedding made up of washed gravel, 100% of which passes a  $\frac{3}{4}$  in. screen. Tanks must not be placed upon organic soils or silts that re subject to decomposition over time. The center of the excavation must be at least 2 inches lower than the bottom of the tank to prevent undue pressures at center of tank floor.

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 Jones, M.S.  
POWTS Product Reviewer  
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