



November 9, 2017

NORWESCO, INC.  
ANASTASIA R. O'HARA  
PO BOX 439  
ST BONIFACIUS MN 55375-0439

Re: Description:        SEWAGE TANKS, POLYETHYLENE  
Manufacturer:        NORWESCO, INC.  
Product Name:        (trans id 3019483) PUMP  
Model Number(s):    500 GAL. SPHERE (PART NO. 40785)  
                              [46.5 IN. L.L., 30 IN. MAX. DEPTH OF BURY, SEE STIPULATIONS FOR GALLONS PER  
                              INCH]  
Product File No:     20170260

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 November 2022.

This approval supersedes the approval issued on April 11, 2013 under product file number 20130035.

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.
- A permanent warning label that conforms to s. SPS 384.25 (8), Wis. Adm. Code, must be attached to the cover of this product and be visible after installation.
- This tank shall be fitted with locking manhole covers in accordance with s. SPS 384.25 (7) (h) Wis. Adm. Code.
- This tank shall be installed in suitable soil capable of bearing the weight of the tanks and its contents when full. Soft soils or bedrock shall have  $\geq 6$  inches of compacted sand or pea gravel.
- Backfill material shall be free-flowing soil or gravel  $\leq \frac{3}{4}$  inch in diameter in the largest dimension. Tanks shall be filled with water while backfilling. The fill material shall be compacted in 2 ft. increments until the backfill is at grade.

- The gallon capacity per inch of the NORWESCO 500 gallon dose tank is shown in the table below:

Height from pump base	Gallons capacity	Height from pump base	Gallons capacity	Height from pump base	Gallons capacity
1	13	17	185	33	410
2	20	18	199	34	422
3	28	19	213	35	434
4	36	20	227	36	445
5	45	21	242	37	456
6	54	22	256	38	466
7	64	23	271	39	476
8	74	24	295	40	485
9	85	25	308	41	594
10	96	26	321	42	503
11	108	27	335	43	511
12	120	28	348	44	518
13	133	29	361	45	525
14	145	30	373	46	531
15	158	31	386	47	537
16	172	32	398		

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 W. Schlueter  
Environmental Engineer - Plumbing Product Reviewer  
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Division of Industry Services  
Bureau of Technical Services  
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