



February 13, 2014

CULLIGAN INTERNATIONAL
YE LIU
9399 W. HIGGINS ROAD, STE 1100
ROSEMONT IL 60018

Re: Description: WATER TREATMENT DEVICE - GRANULAR FERRIC OXIDE
Manufacturer: CULLIGAN INTERNATIONAL
Product Name: CULLIGAN SMART FILTER ARSENIC REDUCTION WATER CONDITIONER (POE)
Model Number(s): 10-INCH, 12-INCH AND 14-INCH (POE)
Product File No: 20130402

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 2019.

This approval supersedes the approval issued on April 22, 2009 under product file number 20090103.

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

- This product has undergone sufficient testing to document the product's ability to reduce only those contaminants and/or substances as specified in this approval letter when the product is installed and maintained in strict accordance with the manufacturer's published instructions.
- Where the Department of Natural Resources (DNR) has jurisdiction, a written approval may be required prior to installation of this product in a water supply system to reduce the concentration of a contaminant that exceeds the primary drinking water standards contained in ch. NR 809, Wis. Admin. Code, the enforcement standards contained in ch. NR 140, Wis. Admin. Code, or for a water supply system that is subject to a written advisory opinion by the DNR. For more information contact the DNR Section of Private Water Systems, P.O. Box 7921, Madison, WI 53707, telephone (608) 267-9787.
- If these approved devices are modified or additional assertions of function or performance are made, then this approval shall be considered null and void, unless the change is submitted to the department for review and the approval is reaffirmed.

Based on testing data submitted to and reviewed by the department, this approval recognizes that these plumbing products will reduce the concentration of contaminants as specified on pages 1 through 2 of this letter.

**HEALTH EFFECTING INORGANIC CONTAMINANT REDUCTION CAPABILITIES
PRODUCT FILE NUMBER 20130402
TABLE 1 OF 1**

Service Flow Rates: 10-inch = 18.9 liters per minute (lpm) 5.0 gallons per minute (gpm)
12-inch = 22.7 lpm (6.0 gpm)
14-inch = 36.0 lpm (9.5 gpm)

Capacities: 10-inch = 283,906 liters (l) 75,000 gallons (gals.)
12-inch = 378,541 l (100,000 gals)
14-inch = 757,082 l (200,000 gals.)

Tested Contaminant	Tested Influent Concentration (mg/l) ¹
Arsenic (As ⁺⁵) ²	0.050 ± 10%
Arsenic (As ⁺³) ²	0.050 ± 10%

Other conditions: the contaminant reduction capabilities displayed for table 1 of 1 were generated by testing conducted in accordance with NSF/ANSI Standard 53. To qualify for pentavalent arsenic (As V) reduction, the device must reduce the influent challenge concentrations such that all effluent concentrations are ≤ 0.010 mg/l. To qualify for trivalent arsenic (As III) reduction, the device must reduce the influent challenge concentrations such that all effluent concentrations are ≤ 0.010 mg/l. These devices are approved for total dissolved arsenic reduction (i.e. As III + As V) up to 100 µg/l.

¹ = milligrams per liter (mg/l) are equivalent to parts per million (ppm)
± = plus or minus

² = tested at pH 6.5 and 8.5
≤ = less than or equal to

This device was tested under controlled laboratory, or field, conditions. The actual performance of this device for a specific end use installation will vary from the tested conditions based on local factors such as water pressure, water temperature and water chemistry.

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
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