



Scott Walker, Governor  
Dave Ross, Secretary

September 23, 2015

CUST ID No. 1329236

*ATTN: Plumbing Inspector*

RANDALL ROMENS  
ROMENS PLUMBING LLC  
3462 N 95 ST  
MILWAUKEE WI 53222

TOWN OF HARTFORD  
3360 COUNTY RD K  
HARTFORD WI 53027-9269

**CONDITIONAL APPROVAL**  
**PLAN APPROVAL EXPIRES: 09/23/2017**

Identification Numbers
<b>Transaction ID No. 2604571</b> <b>Site ID No. 14596</b>
Please refer to both identification numbers, above, in all correspondence with the agency.

**SITE:**

Goeman Wood Products Inc  
5840 Hwy 60 East  
Town of Hartford, 53027  
Washington County

**FOR:**

Facility: 180606 GOEMAN WOOD PRODUCTS INC  
5840 HWY 60 EAST  
HARTFORD 53027

Object Type: Commercial Water Treatment Device Regulated Object ID No.: 1555630

The submittal described above has been reviewed for conformance with applicable Wisconsin Administrative Codes and Wisconsin Statutes. The submittal has been **CONDITIONALLY APPROVED**. The owner, as defined in chapter 101.01(10), Wisconsin Statutes, is responsible for compliance with all code requirements.

**No person may engage in or work at plumbing in the state unless licensed to do so by the Department per s.145.06, stats.**

The following conditions shall be met during construction or installation and prior to occupancy or use:

- This anion exchange system has undergone testing sufficient to document the device's ability to reduce nitrates as specified in this approval letter when the device is installed and maintained in accordance with the manufacturer's published instructions.
- Where the Department of Natural Resources (WDNR) 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 in ch. NR 809, Wis. Adm. Code, the enforcement standards contained in ch. NR 840 Wis. Adm. Code, or for a water supply system that is subject to a written advisory opinion by the WDNR. For more information contact the WDNR Section of Private Water Supply Systems, P.O. Box 7921, Madison WI 53707, (608) 267-9787.
- If the nitrate reduction device is 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.
- The finished installation shall undergo, and pass, a final inspection prior to the treated water being used for consumptive purposes. The Plumbing Consultant having jurisdiction in this area is Philip Mnuk. Mr. Mnuk may be reached via the following:

Phone: 262-354-5167

E-mail: [philip.mnuk@wisconsin.gov](mailto:philip.mnuk@wisconsin.gov)

(contd.) If the treated water is used for consumptive purposes prior to passing the final inspection, then this approval may be rendered null and void and the nitrate reduction device ordered removed. The Plumbing Consultant shall provide a written indication of the final inspection to the system owner.

- When the final inspection has been successfully completed, the Plumbing Consultant shall notify the WDNR Field Staff having authority over the well. The WDNR will then monitor the quality of the treated water to its satisfaction. Monitoring advice, which the WDNR is free to accept or reject, is provided elsewhere in this approval letter. The WDNR Field Staff having authority over this well is Methu Washington. Mr. Washington can be reached via the following:

Phone: 414-263-8695

E-mail: [washington.methu@wisconsin.gov](mailto:washington.methu@wisconsin.gov)

- The suggested monitoring interval for this installation is quarterly. The following tests should be performed:
  1. nitrate
  2. copper

Samples should be collected at a time of day when the nitrate reduction system is at, or near, peak demand and most remote from the previous regeneration as possible. Untreated and treated water samples should be collected in sets with untreated water samples being collected upstream of all water treatment devices; treated water samples should be collected from the most remote tap possible relative to the point of entry. All copper sampling should be “first draw” as typically required under the United States Environmental Protection Agency’s (USEPA’s) Lead and Copper Rule. If copper is detected at elevated concentrations, then an approved source of synthetic source of alkalinity **must** be added to counter the alkalinity depleting effect of anion exchange.

- Any wall hydrants that are not served by treated water shall have one, or more, of the following:
  1. The handles of the hydrant shall be removed;
  2. The hydrant shall be capped and sealed using solder;
  3. Signage shall be posted immediately above the hydrant indicating the water is unfit for human consumption.

All hose connections shall be protected with vacuum breakers that conform to American Society of Sanitary Engineering (ASSE) standards 1011 or 1052.

- The ongoing maintenance of this system shall be performed by Romen’s Plumbing LLC, 3462 N. 95<sup>th</sup> St., Milwaukee WI 53222, 414-651-6531.
- A complete set of owner’s manuals, installation and operation instructions for all water treatment devices installed shall be provided to the system owner and remain onsite.
- The anion exchange nitrate reduction device being installed is previously approved under DSPS product file number 20150048. The approval letter may be viewed at:

<http://dsps.wi.gov/sb/docs/sb-ppalopp/wtd/20150048.pdf>

All stipulations of approval that appear in the approval letter must be adhered to.

**TABLE 1 OF 1  
PRODUCT FILE NUMBER 20150048  
NITRATE/NITRITE REDUCTION CAPABILITIES**

Model Number	Salt 1 (lbs.)	Capacity 1* (grains)	Salt 2 (lbs.)	Capacity 2* (grains)	Salt 3 (lbs.)	Capacity 3* (grains)	Max. Flow* (gpm)
H125-NRS-50	25.0	42,000	50.0	51,000	75.0	55,000	20

\* = A flow restrictor must be installed to prevent exceeding the flow rates displayed

◆ = capacities listed at 25% SO<sub>4</sub><sup>2-</sup>

1 grain = 64.79891 mg

1 grain/gal. = 17.1 mg/l

All ratings based on the capacity of a single tank.

Please note the following:

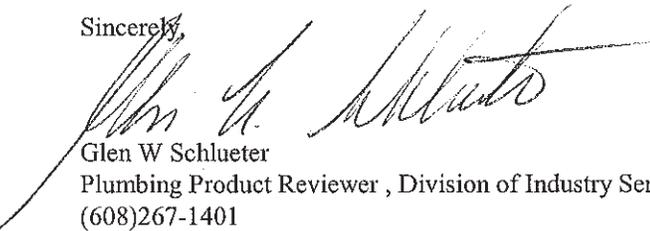
- a. The water softener *should be* installed prior to the anion exchange (i.e. nitrate) unit. This is because placing the ion exchange columns in this order is protective of the nitrate unit. This is a recommendation, not a requirement.
- b. The POU reverse osmosis system was not considered under this transaction because no WDNR Consent Order permitting POU RO was received.

A full size copy of the approved plans, specifications and this letter shall be on-site during construction and open to inspection by authorized representatives of the Department, which may include local inspectors. If plan index sheets were submitted in lieu of additional full plan sets, a copy of this approval letter and index sheet shall be attached to plans that correspond with the copy on file with the Department. If these plans were submitted in an electronic form, the designer is responsible to download, print, and bind the full size set of plans along with our approval letter. A department electronic stamp and signature shall be on the plans which are used at the job site for construction. All permits required by the state or the local municipality shall be obtained prior to commencement of construction/installation/operation.

In granting this approval the Division of Industry Services reserves the right to require changes or additions should conditions arise making them necessary for code compliance. As per state stats 101.12(2), nothing in this review shall relieve the designer of the responsibility for designing a safe building, structure, or component.

Inquiries concerning this correspondence may be made to me at the telephone number listed below, or at the address on this letterhead.

Sincerely,



Glen W Schlueter  
Plumbing Product Reviewer , Division of Industry Services  
(608)267-1401  
Monday-Thursday 7:00AM-4:00PM  
Friday 8:00AM – 12:00PM  
glen.schlueter@wisconsin.gov

Fee Required \$ 160.00

This Amount Will Be Invoiced.  
When You Receive That Invoice,  
Please Include a Copy With Your  
Payment Submittal.  
WiSMART code: 7657

cc: Philip Lawson Mnuk, Plumbing Consultant, (262) 354-5167 , M-t 7:00AM-4:15PM -FRI-7:00AM -12:00AM  
Richard Romens

**Note: Effective January 1, 2012**, all codes under the jurisdiction of the Division of Industry Services (formerly Safety & Buildings) will be modified. Code references with prefixes starting with "Comm" have been replaced with "SPS" to recognize the relocation of the Division of Industry Services from the former Department of Commerce to the Department of Safety & Professional Services. Additionally, all IS (formerly S&B) codes have been renumbered and addressed in a "300" series. For future reference, the Wisconsin Commercial Building Code will be addressed by SPS Chapters 360-366.