

To: Honorable Mayor and Members of Town Council

Through: David L. Corliss, Town Manager

From: Mark Marlowe, P.E., Director of Castle Rock Water

Title Ordinance Amending Chapters 13.06 and 15.03 of the Castle Rock

Municipal Code Regarding Clarification of the Registration Requirement

for Backflow Prevention Assembly Testers

Executive Summary

The purpose of this memorandum is to request Council approval of an Ordinance (see *Attachment A*) revising Sections 13.06 and Section 15.03 of the Castle Rock Municipal Code to include language that clarifies the registration requirements for cross-connection control technicians. A cross-connection control technician, also referred to as tester, is one who is engaged in the testing, maintenance, or repair of a testable backflow prevention assembly which has been installed to prevent contamination through a cross connection with the Castle Rock Water (CRW) drinking water distribution system. The current code in Section 13.06 is specific to the tester registration requirements of CRW and, similarly, Section 15.03 is specific to the registration requirements of Development Services.

The requirements of Section 13.06, as they relate to the registration of testers, are to ensure that the testers possess a valid certification, and their respective testing equipment is certified as to calibration. Whereas, the registration requirements of Section 15.03 are related to ensuring proof of appropriate insurances and the payment of an annual registration fee.

The proposed changes to the code will streamline the registration process, while maintaining the certification and insurance requirements, and will eliminate the fee.

Staff recommends approval of the proposed changes to Titles 13 and 15 on first reading.

Notification and Outreach Efforts

Castle Rock Water staff attended several meetings with the Development Services staff to discuss, and to come to agreement on the proposed changes to the code. Once an agreement was reached, CRW staff shared the proposed changes with, and requested comments from the Development Services staff including the Assistant Director, and Chief Building Inspector.

Additionally, there are roughly 200 certified testers in the community, which will be affected by the changes. According to the proposed code change, testers will submit proof of insurance to CRW, and so it is anticipated that the impact to them will be minimal. CRW staff is in the midst of preparing to train all testers to a new software tracking system, and will provide direction and assistance regarding the code changes.

History of Past Town Council, Boards & Commissions, or Other Discussions

This item was presented to the Castle Rock Water Commission on February 24, 2021. The Commission voted XXX to XXX to recommend Council approval of the ordinance.

Discussion

The Town of Castle Rock Cross-Connection Control Program enhances the Town's overall water quality program to provide high quality water through protecting the integrity of the water system. The purpose of the program is to reduce the risk of contamination of the public water system. The program addresses the implementation of Federal and State drinking water regulations, which require that a public water system have no uncontrolled cross-connections. A cross-connection is defined as any physical arrangement whereby a potable water supply is connected, directly or indirectly, with any other system, which may be capable of contaminating the potable water supply because of backflow. For cross-connections, which require control, the State of Colorado requires the water supplier to develop a tracking mechanism for the installation, testing and maintenance of approved backflow prevention assemblies (assemblies) throughout the system. The supplier must also ensure that any assembly, which fails to test within parameters, be repaired or replaced and tested prior to water service being restored.

A tester must have a valid certification from an approved agency, and shall be able to make competent tests and repairs on all approved assemblies. Testers provide the initial testing service for all newly installed commercial and residential assemblies. Additionally, assemblies installed on commercial accounts and fire protection/suppressions systems are required to be tested annually, and currently there are over 2,100 of these.

The intent in Section 13.06 of the code is to prevent contamination of the CRW distribution system from undesirable cross-connections in conformance with State and Federal regulations, and through adopted primary codes. Accordingly, the language of Section 13.06 applies to individuals associated with the testing, repair, and maintenance of backflow prevention assemblies which protect the distribution system from cross-connections. The registration requirements for a tester in Section 13.06 include strict and rigorous certifications of the tester, and of the test equipment. CRW must first receive proof of certification and, until then, no person shall be allowed to test a backflow prevention assembly within the Town.

Additionally, the current Section 15.03 of the code includes requirements for tester registration. These requirements are administrative in nature, and require that the tester pay an administrative fee and provide proof of insurance as a Class D contractor registrant.

The proposed code changes will eliminate redundant registration, and streamline the process by removing the requirement of the tester to register with the Building Division within the Development Services department under Section 15.03. The administrative fee will no longer be required. The burden of requiring and receiving the appropriate Certificates of Insurance will be placed on CRW, and will be added to the existing registration requirements of Section 13.06.

Budget Impact

No budget impacts are expected by this change. Revenues will change due to the elimination of the registration fee requirement with the Building Division, and CRW will not collect a fee. For perspective, there have been less than a dozen registrants through the Building Division since 2013, and it is expected that roughly 200 testers will be registered with CRW.

Staff Recommendation

Proposed Motion

"I move to approve the Ordinance as introduced by title."

Attachments

Ordinance to Change Chapters 13 & 15 (Not Attached) Summary of Code Changes Attachment A:

Attachment B:

Chapter 13.06 - Cross-Connection Control

13.06.010 - Purpose.

The purpose of this Chapter is to implement and maintain controls and regulations on cross connection pursuant to the following legislation and regulations:

- A. Safe Drinking Water Act; Title XIV Safety of Public Drinking Water Systems of the Public Health Service Act, codified as 42 U.S.C. §300 et seq. (1974), Public Law 99-399 Safe Drinking Water Act Amendments of 1986.
- B. National Primary Drinking Water Regulations authorized through the Safe Drinking Water Act; 42 U.S.C. § 300g-1.
- C. Colorado Department of Health Law Title 25, C.R.S.
- D. Colorado Primary Drinking Water Regulations, Section 12 (Hazardous Cross-Connections), 5 CCR 1003-1.

(Ord. 2006-06 §1, 2006; Ord. 97-18 §1(part), 1997; Ord. 93-5 §2(part), 1993)

13.06.020 - Primary codes adopted.

- A. Pursuant to the powers conferred upon it by statutes, the Town, through its Town Council, hereby adopts by reference the following primary codes:
 - Cross-Connection Control Manual, Version 5.0, revised April 2004, by the Backflow Prevention Education Council of Colorado, P.O. Box 1934, Arvada, Colorado 80001-1934.
 - The Manual of Cross-Connection Control, tenth edition, published in 2009 by the Foundation for Cross-Connection Control and Hydraulic Research, University of Southern California, University Park, Los Angeles, California, 80090.
 - The National Fire Protection Association Standards No. 13, No. 24 and No. 25, 2002 edition, published by the National Fire Protection Association, Batterymarch Park, Quincy, Massachusetts 02269.

The subject matter of these codes concerns a minimum standard for cross-connection control. Adoption includes all supplements to the codes. Three (3) Copies copies of the above-adopted primaryreferenced codes, all certified to be true copies by the Mayor and Town Clerk, shall be maintained on file at the office of Clerk and may be inspected during regular business hours.

- B. The provisions of the above-adopted primary codes shall apply to and govern over any and all improvements within or to be incorporated in the corporate limits of the Town. Where, in any specific case, there is a conflict between different sections of the above-adopted primary codes, or a conflict between the above-adopted primary codes and any Town regulation, the most restrictive provision shall apply.
- C. Any person found to have violated any of the provisions of the above-adopted primary codes shall be charged with a violation of this Chapter. Except in cases where a different punishment is prescribed by any ordinance of the Town, upon conviction thereof, such violator shall be punished by a fine of not more than one thousand dollars (\$1,000.00) or by imprisonment not to exceed three hundred sixty-four (364) days, or by both such fine and imprisonment. Each such person shall be guilty of a separate offense for each and every day during any portion of which any violation of any provision of this Chapter is committed.

(Ord. 2006-06 §1, 2006; Ord. 2001-21 §1, 2001; Ord. 97-18 §1(part), 1997; Ord. 93-5 §2(part), 1993

(Ord. No. 2015-50, § 1, 12-1-2015)

13.06.030 - Certified technician registration.

- A. Certified technician. Cross-connection control technicians shall possess a valid certification from an agency approved by the Colorado Department of Public Health and Environment.
- B. Registration required. No person shall perform testing, repair or maintenance of backflow prevention assemblies in the Town unless such person is a certified technician and has first applied for, paid the associated fee, registered with Castle Rock Water and if necessary, attend attended a Town Cross-Connection Control education seminar. The registrant shall submit the following application documentation to Castle Rock Water to be considered for registration: proof of valid technician certification; test equipment certificate of accuracy and calibration; and valid Certificates of Insurance (COI) indicating the minimum coverage of \$600,000 for general liability, and Workers' Compensation insurance (if necessary). Certified technicians shall maintain a current and valid registration while performing any work governed by this Chapter.
- C. Registration expiration and renewal. Certified technician registration shall expire one (1) year from date of issue. Certified technician registration shall expire upon the expiration of any one of the three application documents required for registration as prescribed above in paragraph B. Renewal will be considered upon the submission of valid application documents to Castle Rock Water. Registered certified cross-connection control technicians shall provide the Town all registration application documentation, including registration application, technician certification and testing equipment information and calibration certificate.
- D. Test equipment accuracy verification. Testing equipment that is used in the performance of the testing identified in this Chapter shall be checked at least annually for accuracy... and re-calibrated when inaccuracy is greater than +/- 0.2 psid. A current certificate of accuracy and calibration certification for such testing equipment issued from an authorized manufacturer's calibration repair laboratory or an ISO 9002 certified repair laboratory for instrument repairs or measurements shall be maintained and provided to Castle Rock Water at registration, and as additionally requested by Castle Rock Water to maintain current registration status. Accuracy verification certification and calibration must be National Institute of Standards and Technology (NIST) traceable and meet the current ASME/ANSI B40.01 standards.
- E. Responsibilities. All certified technicians shall be responsible for any testing, repair and/or maintenance without limitation to the items as herein listed:
 - To provide generally recognized safety measures and equipment to protect themselves, laborers and the public in general.
 - To present registration documentation when required by the Town and/or water customer. To
 present a valid form of identification when required by the Town and/or water customer.
 - To <u>performinspect</u>, test<u>ing</u>, <u>or repair</u>, <u>and/or maintenance of</u> a backflow prevention assembly in conformance with all applicable codes and regulations.
 - To provide accurate information on all applications <u>documentation</u>, <u>and certifications</u>, <u>testing</u> equipment <u>documentation</u> and/or backflow prevention assembly test reports.
 - 5. To provide test reports to Castle Rock Water as prescribed herein.
 - 6. To observe and conform to all the policies, rules and regulations governing construction and land use in the Town.
- F. Registration management. Certified technicians shall perform inspections, testing, repair and/or maintenance in accordance with standards and testing requirements as identified herein.
 - Authority. Director of Castle Rock Water or designee shall have the authority to deny, suspend, revoke or place restrictions on the <u>certified technician/registrant</u> when the <u>applicant or</u> registrant commits one (1) or more of the acts or omissions:

Commented [MB1]: Mark M. commented here. Do we keep a list of registered cross-connection control technicians? If so, we should probably note where this is maintained. Do we verify that they have the Class D contractor certification required in chapter 15.03?

Commented [DL2R1]: We keep a list of registered testers in our current software program as well as copies of the certifications and gauge calibrations.

- a. Provides incomplete, false or misleading information on the registration application, technician certification, and/or test equipment accuracy verification documentation, including certification of accuracy and/or calibration.
- Fails to provide current information or documentation related to current technician certification and/or test equipment accuracy verification documentation certification and/or calibration, and COI.
- c. Fails to provide test reports as prescribed herein.
- d. Fails to comply with policies, rules, regulations and standards prescribed herein.
- Notification procedure. When any of the acts or omissions as herein enumerated are committed and the Director of Castle Rock Water or designee deems that such registration shall be denied, suspended, revoked or restricted for reasons set forth in Paragraph above, the procedures shall be as follows:
 - a. The applicant or registrant shall be notified in writing, by certified mail, addressed to the applicant's or registrant's address of record with Castle Rock Water, along with the reason under Paragraph above for the action.
 - b. Upon the receipt of the notice, the <u>applicant or</u> registrant may request a hearing. Such request shall be in writing delivered to the Director of Castle Rock Water or designee within fourteen (14) calendar days of the receipt of the notice.
 - c. If a hearing is requested in writing within the time limited above, the Director of Castle Rock Water or designee shall set a time, date and place of the hearing and so notify the applicant or registrant to contest the reason set forth by the Director of Castle Rock Water or designee for the action.
 - d. When a hearing is conducted, the applicant or registrant and other interested parties may be in attendance and give testimony. Upon completion of the hearing, the Director of Castle Rock Water or designee shall notify the applicant or registrant of his or her findings and ruling in writing, by certified mail, within fifteen (15) business days after the completion of the hearing.
 - e. If the decision rendered by the Director of Castle Rock Water or designee is adverse, the applicant or registrant may appeal to the Town Manager or his or her designee as an aggrieved person. The Town Manager's review shall be limited to determining whether the Director of Castle Rock Water or designee had sufficient evidence to determine the violation under Paragraph above.
- Suspension/revocation. Associated registration fees shall be required for reinstatement of suspended and/or revoked registrations. Evidence of compliance with Paragraph <u>B</u> above is required prior to reinstatement of registration.
 - a. The suspension of a registration shall be for the period stated in the suspension, but in no event more than six (6) months. Evidence of compliance with Paragraph above is required prior to reinstatement of registration.
 - b. If a registration is revoked, the <u>registrant applicant</u> shall not be eligible to <u>test register</u> within the Town for a period of six (6) months after revocation or any final decision from an appeal thereof.
 - c. Upon completion of the suspension period, the registrant may re-register with Castle Rock Water and provide all documentation requested at time of registration.

(Ord. No. 2016-044, § 3.A., 12-6-2016; Ord. 2006-06 §1, 2006; Ord. 2001-21 §2, 2001; Ord. 97-18 §1(part), 1997; Ord. 93-5 §2(part), 1993)

13.06.040 - Plan approval.

- A. All building and/or construction plans involving water/sewer service, plumbing plans for additions or alterations to existing plumbing systems, and/or irrigation system installation submitted to the Town shall be reviewed by Castle Rock Water and/or its designee and approved prior to issuance of a permit.
- B. Submitted plans must show:
 - 1. The service address and/or legal description of property being served.
 - 2. The water service type, size and location.
 - 3. Meter type, size and location.
 - 4. Types of water use occurring at the property.
 - Sizes, types, manufacturer, model and locations of all containment and isolation backflow prevention assemblies.

(Ord. No. 2016-044, § 3.C., 12-6-2016; Ord. 2006-06 § 1, 2006; Ord. 2001-21 § 3, 2001; Ord. 97-18 § 1 (part), 1997; Ord. 93-5 § 2 (part), 1993)

13.06.050 - Installation.

Installation of backflow prevention assembly in compliance with this Chapter is a condition to receiving water service from the Town. All connections to the municipal water system, including all existing connections, shall conform or be brought into conformance with the following requirements:

- A. Any person installing backflow prevention assemblies shall comply with Chapter 15.03 of this Code with respect to registration.
- B. Backflow prevention assemblies installed in violation of this Chapter shall be removed and replaced at the water customer's expense. Any such repair or replacement shall be made with an approved backflow prevention assembly within ten (10) days of discovery by the user, a certified technician, or Castle Rock Water and/or its designee, unless arrangements satisfactory to Castle Rock Water are made. Should the hazard presented to the water system be determined to present a significant health risk, immediate service discontinuance may be necessary until such repair or replacement is accomplished.
- C. Backflow prevention assemblies shall be installed in a safe and accessible location to facilitate maintenance, testing, repair and drainage in accordance with all applicable codes and regulations. No backflow prevention assembly shall be installed in a pit, vault or location where toxic gases are present. No backflow prevention assembly shall be installed over electrical lines or other equipment where water could cause a hazard.
- D. Containment backflow prevention assemblies shall be installed immediately downstream of the water meter, prior to any service connections, in compliance with all applicable codes and regulations.
- E. Access for inspection, testing, repair, maintenance and/or replacement of backflow prevention assemblies that serve more than one (1) property, such as a master-metered facility, shall not be contingent on access of a private residence or business. Such installations shall be located in an area accessible from the exterior, such as a mechanical room or an ASSE 1060-certified enclosure that is protected against freezing and meeting all installation criteria identified herein.
- F. Before installing a backflow prevention assembly, pipelines shall be thoroughly flushed to remove foreign material.
- G. Thermal expansion equipment shall be installed on all water systems contained by a backflow prevention assembly.
- H. Backflow prevention assembly valves shall not be used as the inlet or outlet valve of the water meter. Test cocks shall not be used as supply connections.

 All costs for design, installation, maintenance, repair and testing shall be borne by the utility customer.

(Ord. No. 2016-044, § 3.D., 12-6-2016; Ord. 2006-06 §1, 2006; Ord. 2001-21 §4, 2001; Ord. 97-18 §1(part), 1997; Ord. 93-5 §2(part), 1993)

13.06.060 - Inspection.

- A. Backflow prevention assembly installations shall be inspected and approved for use by Castle Rock Water and/or its designee prior to the furnishing of water service. Inspections must be scheduled at least twenty-four (24) hours in advance of the desired inspection time.
- Castle Rock Water may conduct surveys to verify location, application, appropriate protection of degree of hazard and operation of backflow prevention assemblies.
- C. Castle Rock Water may conduct surveys of water supply system users to identify hazardous service connections or cross-connections. Surveys may consist of written instruments, verbal interviews or physical inspections. Water supply system users shall complete such surveys and otherwise cooperate in the identification of potentially hazardous service connections or cross-connections according to terms and conditions prescribed herein.

(Ord. No. 2016-044, § 3.E., 12-6-2016; Ord. 2006-06 §1, 2006; Ord. 2001-21 §5, 2001; Ord. 97-18 §1(part), 1997; Ord. 93-5 §2(part), 1993)

13.06.070 - Testing and maintenance.

Backflow prevention assemblies shall be tested and maintained as described below:

- A. Backflow prevention assembly testing shall be conducted in accordance with performance standards and field test procedures in referenced documents herein as directed by the Colorado Department of Public Health and Environment.
- B. All backflow prevention assemblies shall be tested by a certified technician at the time of installation, prior to issuance of a certificate of occupancy.
- C. Customers with single-family residential backflow prevention assemblies are encouraged to test the assembly annually at their expense and in accordance with manufacturer requirements. All other customers shall test their backflow prevention assemblies at their expense and according to manufacturer requirements at least annually, or more often as determined by Castle Rock Water.
- Backflow prevention assemblies shall be tested immediately upon installation, repair, replacement or alteration of plumbing upstream of the assembly.
- E. Single-family residential service connections may be subject to more frequent risk assessment evaluations, to include the probability of the occurrence of a physical connection between a potable water supply and a non-potable substance; the occurrence of backflow conditions, including backsiphonage and backpressure; the total failure of the backflow prevention assembly used to isolate the cross-connection; and the probability that a non-potable substance is present and will have an adverse effect on the water system or user. As determined through such risk assessment, Castle Rock Water may require additional testing.
- F. Castle Rock Water retains the right to test or otherwise check the installation and operation of any testable assembly at any time to assure proper operation.
- G. Should a backflow prevention assembly not be installed in conformance with Town standards, the test report shall reflect such information and be recorded as a failure.
- H. All backflow prevention assemblies not meeting requirements shall be repaired or replaced at the water customer's expense. Any such repair or replacement shall be made with an approved backflow

Commented [MB3]: Mark M. comment.

Do we need to reference our criteria manual anywhere so that people know what type of backflow to install for different types of service?

Commented [DL4R3]: This is already being addressed. All new construction for commercial must have an RP installed. We no longer accept DC's for any commercial business for the potable water. As far as the fire line is concerned, for commercial, these are typically DC's or DCDA's. If there is glycol in the fire suppression system it dictates the type of assembly to install.

Commented [MB5]: Mark M comment:

I thought the backflows for residential are incorporated into the meter, owned by us, and not testable? We may need to revise this section to be more clear as to expectations for residential customers.

Commented [DL6R5]: We do not own any backflow device installed inside a residential home. They belong to the homeowner. Any issue that comes up with the backflows inside residential homes would be handled by the homeowner. If we are asked about testing the devices, we inform the homeowner that they can follow the manufacturers recomendations for testing the assembly.

Commented [MB7]: And another from MM: Again, question is about residential and is this really something we will be doing?

Commented [DL8R7]: This paragraph gives us the authority to survey a residential home should we determine there is a business of some kind be conducted inside the home that could pose a threat to our water system. We could then mandate that the homeowner install a backflow if there isn't one already installed or require yearly testing on the device already installed.

prevention assembly within ten (10) days of discovery by the user, a certified technician or Castle Rock Water and/or its designee, unless arrangements satisfactory to Castle Rock Water and/or its designee are made. Should the hazard presented to the water system be determined to present a significant health risk, immediate service discontinuance may be necessary until such repair or replacement is accomplished.

(Ord. No. 2016-044, § 3.F., 12-6-2016; Ord. No. 2015-50, §§ 2, 3, 12-1-2015; Ord. 2006-06 §1, 2006; Ord. 2001-21 §6, 2001; Ord. 97-18 §1(part), 1997; Ord. 93-5 §2(part), 1993)

13.06.080 - Record keeping.

- A. The certified technician shall report on a form approved by Castle Rock Water.
- B. Records of all tests, inspections, repairs and replacements of backflow prevention assemblies shall be kept by the water customer, the certified technician and Castle Rock Water for a period of three (3) years.
- C. The certified technician is required to send copies of all passed test reports to the owner and Castle Rock Water within five (5) working days after testing, inspecting or repairing any backflow prevention assembly. The certified technician should repair a failed assembly immediately, if possible. When an assembly failure is a potential threat to the potable water system or the environment and cannot be repaired immediately, the certified technician must report the failure verbally to the owner and Castle Rock Water and/or its designee. The technician must send written notification to the owner and Castle Rock Water and/or its designee within three (3) working days.

(Ord. No. 2016-044, § 3.G., 12-6-2016; Ord. 2006-06 §1, 2006)

13.06.090 - Right of entry.

- A. The Town representative and/or his or her designee assigned to inspect premises relative to possible hazards shall carry proper credentials of his or her office and, upon exhibit of which, said representative shall have the right of entry to inspect any and all buildings and premises for cross-connections in the performance of his or her duties. If such entry is refused, the Town administrative authority or the designated authorized representative thereof shall have recourse to every remedy provided by law to secure entry.
- B. This right of entry shall be a condition of water service in order to provide assurance that the health, safety and welfare of the people throughout the Town's potable water distribution system are maintained. Where building security is required, the backflow assembly or assemblies should be located in an area not subject to security. Questions regarding proper credentials should be directed to Castle Rock Water.

(Ord. No. 2016-044, § 3.H., 12-6-2016; Ord. 2006-06 §1, 2006; Ord. 2001-21 §7, 2001; Ord. 97-18 §1(part), 1997; Ord. 93-5 §2(part), 1993)

13.06.100 - Compliance.

- A. Customers shall cooperate in the installation, maintenance, testing and inspection of backflow prevention assemblies and/or water use survey process. Failure to cooperate shall be grounds for the discontinuance of water service to the premises, or the requirement for air-gap separation from the public potable water system.
- B. Service of water to any premises may be discontinued by Castle Rock Water if unprotected crossconnections exist on the premises, if any defect is found in an installed backflow prevention

- assembly or if a backflow prevention assembly has been removed or bypassed. Service shall not be restored until such conditions or defects are corrected.
- C. Discontinuance of service may be summary, immediate and without written notice whenever, in the judgment of the <u>Town Manager Director of Castle Rock Water</u> or the designated representative thereof, upon the recommendation of Castle Rock Water or a registered certified cross-connection control technician, such action is necessary to protect the purity of the public potable water supply or the safety of the water system.

(Ord. No. 2016-044, § 3.1., 12-6-2016; Ord. 2006-06 §1, 2006; Ord. 2001-21 §8, 2001; Ord. 97-18 §1(part), 1997; Ord. 93-5 §2(part), 1993)

13.06.110 - Violations and penalties.

- A. Any person who violates any of the provisions of this Chapter or any of the primary codes adopted herein shall be punished by a fine of not more than one thousand dollars (\$1,000.00), by imprisonment not to exceed one (1) year or by both such fine and imprisonment.
- B. Each such person shall be guilty of a separate offense for each and every day during any portion of which any violation is committed, continued or permitted by any such person.
- C. The Town is authorized to seek recovery of all present and future damages, costs and other relief to which the Town is entitled and obtain any available judicial remedies related to maintenance of a cross-connection or any violation of the provisions of this Chapter.

(Ord. 2006-06 §1, 2006; Ord. 97-18 §1(part), 1997; Ord. 93-5 §2(part), 1993)

Chapter 15.03 Certified Contractor Registration

15.03.040 - Classification.

There shall be various classes of contractors' registration, and the holder of each registration shall be authorized to do the following:

D.

Class D. This registration shall be required of those engaged in contracting for labor or for labor and material involving only one trade, such as, but not limited to: masonry, framing, irrigation systems, burglar alarms, moving of buildings, demolition, excavating, swimming pools, spas, roofing, and retaining walls and backflow prevention testing, but shall not authorize any electrical, plumbing or mechanical work. Contractors doing minor installation of prefabricated or manufactured units, such as cabinets, countertops, storm windows, gutters and downspouts or carpet, shall not be required to register.

(Ord. 2012-16 §1, 2012)