

**Wisconsin Department of Safety and Professional Services**

**DRAFT – SUBJECT TO CHANGE**

SPS 305 LICENSES, CERTIFICATIONS, AND REGISTRATIONS						
NO.	RULE PROVISION	ISSUE/REASON FOR CHANGE	PROPOSED BY	EXISTING LANGUAGE AND PROPOSED CHANGE	POTENTIAL IMPACT/COST	COMMENTS/STATUS
1.	305.94 (3)	Inconsistency between statute and code.  Amend rule to align with statute.	DPD	<p><b>Statutes:</b> 145.07(6) Applicants for examination for licensure as a journeyman plumber (restricted) <i>shall have completed one continuous year of work experience consisting of not less than 1,000 hours per year</i> and give evidence of completion of shop training and related instruction as the department by rule requires.</p> <p><b>Administrative Rule:</b> SPS 305.94(3) QUALIFICATIONS FOR EXAMINATION. A person applying for a journeyman plumber-restricted service license examination shall have met all of the following: (a) At least <u>Completed one continuous year of plumbing-related work experience consisting of not less than 1,000 hours per year of plumbing related work experience as a registered learner restricted service.</u></p>	n/a	
2.	305.99 Index <u>[See #25]</u>	For consistency	DIS	Cross Connection Control <u>Assembly Testers</u>  <u>[n/a – included in #25. LRB automatically makes title changes in index]</u>	n/a	
2a.	305.003 (58)	Repeal – already incorporated in (58g) and (58r)	DIS	<del>(58) “Private interceptor main sewer” has the meaning specified under s. SPS 381.01 (193).</del>		
2b.	305.003 (72)(Note)	Repeal		<del><b>Note:</b> Under s. 145.01 (15), Stats., “utility contractor” means a person licensed under s. 145.07 (10).</del>		
3.	Fees Table 305.02 Line 73	For consistency	DIS	Cross Connection Control <u>Assembly Tester</u>	n/a	<u>Incorporates changes made in chs. 381 to 387.</u>
4.	Terms Table 305.06 Line 66	For consistency	DIS	Cross Connection Control <u>Assembly Tester</u>	n/a	<u>Incorporates changes made in chs. 381 to 387.</u>
5.	305.10(1)	For consistency	DIS	Except as provided in sub. (2) pertaining to licenses or registrations for master plumbers, journeyman plumbers, cross connection control <u>assembly</u> testers and	n/a	<u>Incorporates changes made in chs. 381 to 387.</u>

**SPS 305 LICENSES, CERTIFICATIONS, AND REGISTRATIONS**

NO.	RULE PROVISION	ISSUE/REASON FOR CHANGE	PROPOSED BY	EXISTING LANGUAGE AND PROPOSED CHANGE	POTENTIAL IMPACT/COST	COMMENTS/STATUS
				utility contractors, the department may deny, suspend or revoke a license, certification or registration under this chapter in accordance with this subsection.		
6.	305.10(2)	For consistency	DIS	Pursuant to s. 145.10, Stats., the department may suspend or revoke the license or registration of any master plumber, journeyman plumber, master plumber-restricted, journeyman plumber-restricted, utility contractor, or cross connection control <u>assembly</u> tester in accordance with this subsection.	n/a	Incorporates changes made in chs. 381 to 387.
7.	305.125(1)(h)	For consistency	DIS	The amount of forfeiture assessed against an individual who does not hold a registration as a cross connection control <u>assembly</u> tester under s. SPS 305.99 and who tests cross connection control <del>devices</del> <u>assemblies</u> to meet the requirements in s. SPS 382.22 (8) shall be one of the following:	n/a	Incorporates changes made in chs. 381 to 387.
8.	305.90(1)(a)	Current language seems redundant and Utility Contractor is not a registration, it is a license.	DIS	Except as provided under s. 145.06 (4), Stats., and pursuant to s. 145.06, Stats., no person may install plumbing unless the person holds a license or registration issued by the department as a <del>licensed</del> -master plumber, <del>licensed</del> -master plumber-restricted, <del>licensed</del> -journeyman plumber, <del>licensed</del> -journeyman plumber-restricted, <del>registered</del> -plumbing apprentice, <del>registered</del> -plumbing learner-restricted, <del>registered</del> -utility contractor or <del>registered</del> -pipelayer.	n/a	Incorporates changes made in chs. 381 to 387.
9.	305.90(1)(b)1.	Clean up redundancy and formalize permission to allow the work the Department has been allowing for many years. Also, puts this subdivision in line with proposed updated definitions. Puts in line with statutes.		Pursuant to s. 145.14, Stats., the plumbing activities that may be undertaken by a person who holds a license or registration as a <del>licensed</del> master plumber-restricted service, <del>licensed</del> journeyman plumber-restricted service or a <del>registered</del> -plumbing learner-restricted service shall be limited to the <u>following</u> installations or modifications of <del>all of the following</del> : a. Privately owned wastewater treatment systems and components as defined in ch. SPS 381. b. Building sewers, <u>sanitary; building sewers, storm; private interceptor main sewers, sanitary; and private interceptor main sewers, storm,</u> as defined in ch. SPS 381, <u>from main to the immediate inside or proposed inside foundation wall of a building.</u> c. Water services, <del>and</del> -private water mains, <u>manufactured home community water supply systems, and campground/recreational vehicle park water supply systems</u> as defined in ch. SPS 381. d. That portion of the drain system or water supply system that connects a building sewer or water service to the connection provided by the manufactured/mobile home manufacturer. <u>e. Manufactured home community drain systems, sanitary; manufactured home community drain systems, storm; campground/recreational vehicle park drain</u>	n/a	Incorporates changes made in chs. 381 to 387.

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NO.	RULE PROVISION	ISSUE/REASON FOR CHANGE	PROPOSED BY	EXISTING LANGUAGE AND PROPOSED CHANGE	POTENTIAL IMPACT/COST	COMMENTS/STATUS
				<p><u>systems, sanitary; and campground/recreational vehicle park drain systems, storm, as defined in ch. SPS 381.</u></p> <p><u>f. Wastewater treatment devices, as defined in ch. SPS 381, not located within a building's foundation perimeter.</u></p> <p><u>g. Stormwater use systems, not located within a building's foundation perimeter.</u></p> <p><u>h. Reclaimed water systems, not located within a building's foundation perimeter.</u></p>		
10.	305.90(1)(b)2.a.	Clean up redundancy	DIS	The plumbing activities that may be undertaken by a person who holds a license as a <del>licensed</del> master plumber–restricted service type 2 or <del>licensed</del> journeyman plumber–restricted service type 2 shall be limited to the installation or modification of underground drain and vent piping and plumbing delineated under subd. 1.	n/a	
11.	305.90(1)(b)2.b.	Clean up redundancy	DIS	The plumbing activities that may be undertaken by a person who holds a license as a <del>licensed</del> master plumber–restricted service type 3 or <del>licensed</del> journeyman plumber–restricted service type 3 shall be limited to the modification of existing water distribution systems and plumbing delineated under subd. 1.	n/a	
12.	305.90(1)(b)2.c.	Clean up redundancy	DIS	The plumbing activities that may be undertaken by a person who holds a license as a <del>licensed</del> master plumber–restricted service type 4 or <del>licensed</del> journeyman plumber–restricted service type 4 shall be limited to the installation or modification of drain and vent piping to existing drain stacks and vent stacks for the conversion from a private sewage system to municipal sewers and plumbing delineated under subd. 1.	n/a	
13.	305.90(1)(b)3.	For consistency. Similar terminology exists in 305.90(1) for MPRS. Puts in line with statutes.	DIS	<p>Pursuant to s. 145.14, Stats., the plumbing activities that may be undertaken by a person who holds a license or registration as a <del>licensed</del> master plumber–restricted appliance, <del>licensed</del> journeyman plumber–restricted appliance, or <del>registered</del> plumbing learner–restricted appliance shall be limited to <u>connections with an existing water distribution system which do not require a direct connection to the drain system for the installations and modifications of:</u></p> <p><del>water heaters, water softeners, water treatment devices and other items in connection with an existing water supply system which do not require direct connection to the drain system.</del></p> <p>a. <u>Items requiring connection with a water distribution system.</u></p> <p>b. <u>Stormwater use or reclaimed water supply systems, and</u></p> <p>c. <u>The minimum required piping to connect allowed installations to the system.</u></p>	n/a	
14.	305.90(1)(b)4.	For consistency. Similar terminology exists in 305.90(1) for MPRS. Puts in	DIS	<p>Revise to read:</p> <p>The plumbing activities that may be undertaken by a person who holds a license or registration as a <del>licensed</del> utility contractor or <del>registered</del> pipelayer shall be limited to the installations or modifications of:</p> <p>a. <del>W</del> <u>Water services, and private water mains, as defined in ch. SPS 381, from the street main to the immediate inside building perimeter.</u></p>	n/a	

**SPS 305 LICENSES, CERTIFICATIONS, AND REGISTRATIONS**

NO.	RULE PROVISION	ISSUE/REASON FOR CHANGE	PROPOSED BY	EXISTING LANGUAGE AND PROPOSED CHANGE	POTENTIAL IMPACT/COST	COMMENTS/STATUS
		line with statutes.		<del>B-Building sewers, sanitary; building sewers, storm; and private interceptor main sewers, sanitary; and private interceptor main sewers, storm, as defined in ch. SPS 381, from the street main to the immediate inside building perimeter.</del>		
15.	305.90(2)	For consistency	DIS	Pursuant to s. 145.06 (3m), Stats., no person may perform the required testing of cross connection control <del>devices</del> <u>assemblies</u> unless the person holds a registration issued by the department as a cross- connection control <u>assembly</u> tester.	n/a	Incorporates changes made in chs. 381 to 387.
16.	305.91(1)	Clean up redundancy	DIS	GENERAL. A person may obtain a license as a <del>licensed</del> master plumber by taking and passing the master plumber license examination.	n/a	
17.	305.92(1)	Clean up redundancy	DIS	GENERAL. A person may obtain a license as a <del>licensed</del> master plumber-restricted by taking and passing the master plumber-restricted license examination.	n/a	
18.	305.92(5) (b)	Clean up redundancy	DIS	A person may apply for a license as a <del>licensed</del> master plumber-restricted service or a <del>licensed</del> master plumber-restricted appliance by submitting an application, application fee, and a license fee in accordance with ss. SPS 305.01 and 305.02, Table 305.02.	n/a	
19.	305.93(1) (a)	Clean up redundancy	DIS	The plumbing activities that may be undertaken by a person who holds a license as a <del>licensed</del> journeyman plumber shall be performed under the general supervision of a person who holds a master plumber license, master plumber-restricted license, or utility contractor license.	n/a	
20.	305.93(1) (b)	Clean up redundancy	DIS	A person may obtain a license as a <del>licensed</del> journeyman plumber by taking and passing the journeyman plumber license examination.	n/a	
21.	305.93(5) (b)	Clean up redundancy	DIS	A person may apply for a license as a <del>licensed</del> journeyman plumber by submitting an application, application fee, and a license fee in accordance with ss. SPS 305.01 and 305.02, Table 305.02.	n/a	
22.	305.94(1) (a)	Clean up redundancy	DIS	The plumbing activities as delineated under s. SPS 305.90 (1) (b) that may be undertaken by a person who holds a license as a <del>licensed</del> journeyman plumber-restricted service shall be performed under the general supervision of a person who is a licensed master plumber or a licensed master plumber-restricted service.	n/a	
23.	305.94(1) (b)	Clean up redundancy	DIS	A person may obtain a license as a <del>licensed</del> journeyman plumber-restricted service by taking and passing the journeyman plumber-restricted license examination.	n/a	
24.	305.94(5) (b)	Clean up redundancy	DIS	A person may apply for a license as a <del>licensed</del> journeyman plumber-restricted service by submitting an application, an application fee, and a license fee in accordance with ss. SPS 305.01 and 305.02.	n/a	
25.	305.945(1)	Clean up redundancy	DIS	The plumbing activities as delineated under s. SPS 305.90 (1) (b) 3. that may be undertaken by a person who holds a license as a <del>licensed</del> journeyman plumber-restricted appliance shall be performed under the general supervision of a person who is a licensed master plumber or a licensed master	n/a	

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NO.	RULE PROVISION	ISSUE/REASON FOR CHANGE	PROPOSED BY	EXISTING LANGUAGE AND PROPOSED CHANGE	POTENTIAL IMPACT/COST	COMMENTS/STATUS
				plumber–restricted appliance.		
26.	305.945(5) (a)	Clean up redundancy	DIS	Upon notification of the successful passage of a department administered examination for a journeyman plumber–restricted appliance license a person may apply for a license as a <del>licensed</del> journeyman plumber–restricted appliance by submitting all of the following:	n/a	
27.	305.945(5) (b)	Clean up redundancy	DIS	Upon notification of the successful passage of an examination approved by the department for a journeyman plumber–restricted appliance license a person may apply for a license as a <del>licensed</del> journeyman plumber–restricted appliance within 3 months after the date that notice of exam results is released by the exam provider to the candidate. Failure to apply for a journeyman plumber–restricted appliance license within 3 months, shall necessitate the applicant to apply, retake, and pass another license examination in order to obtain the journeyman plumber restricted appliance license. A person may apply for a journeyman plumber–restricted appliance license by submitting all of the following:	n/a	
28.	305.95(1)	Clean up redundancy	DIS	A person who holds a registration as a <del>registered</del> plumbing apprentice may install or modify plumbing under the general supervision of a person who is a licensed master plumber.	n/a	
29.	305.96(1) (a)	Clean up redundancy	DIS	The plumbing activities that may be undertaken by a person who holds a registration as a <del>registered</del> learner–restricted service shall be performed under the direct supervision of a person who holds a master plumber license, a master plumber–restricted service license, a journeyman plumber license or a journeyman plumber–restricted service license.	n/a	
30.	305.96(1) (b)	Clean up redundancy	DIS	The plumbing activities that may be undertaken by a person who holds a registration as a <del>registered</del> learner–restricted appliance shall be performed under the direct supervision of a person who holds a master plumber license, a master plumber–restricted appliance license, a journeyman plumber license or a journeyman plumber–restricted appliance license.	n/a	
31.	305.97(1)	Clean up redundancy	DIS	A person may obtain a license as a <del>licensed</del> utility contractor by taking and passing the utility contractor license examination.	n/a	
32.	305.97(6)	For consistency with new definitions, also refers to 381, similar terminology exists in 305.90(1) for MPRS. Uses	DIS	RESPONSIBILITIES. A person who, as a licensed utility contractor, installs or modifies water services; private water mains; <del>sanitary</del> building sewers, <u>sanitary; storm</u> building sewers, <u>storm</u> ; private interceptor main sewers, <u>sanitary</u> ; or private interceptor main sewers, <u>storm</u> , as defined in ch. SPS 381, <u>from the street main to the immediate inside or proposed inside foundation wall of the building and shall utilize the appropriately licensed or registered persons to install or modify the plumbing.</u>	n/a	Incorporates changes made in chs. 381 to 387.

**SPS 305 LICENSES, CERTIFICATIONS, AND REGISTRATIONS**

NO.	RULE PROVISION	ISSUE/REASON FOR CHANGE	PROPOSED BY	EXISTING LANGUAGE AND PROPOSED CHANGE	POTENTIAL IMPACT/COST	COMMENTS/STATUS
		some statutory language for clarity.				
33.	305.98(1)	For consistency with new definitions, also refers to 381, similar terminology exists in 305.90(1) for MPRS. Uses some statutory language for clarity.	DIS	GENERAL. Pursuant to s. 145.07 (11), Stats., a person who holds a registration as a <del>registered</del> pipelayer may install or modify water services, private water mains, sanitary building sewers, <del>sanitary</del> ; storm building sewers, <del>storm</del> ; private <u>interceptor main sewers, sanitary</u> ; or private interceptor main sewers, <del>storm</del> , as defined in ch. SPS 381, from the street main to the immediate inside or proposed inside foundation wall of the building under the general supervision of a licensed utility contractor, licensed master plumber, or a licensed master plumber-restricted service.	n/a	Incorporates changes made in chs. 381 to 387.
34.	305.99 Title	For consistency	DIS	<b>Cross connection control <u>assembly</u> testers.</b>	n/a	Incorporates changes made in chs. 381 to 387.
35.	305.99(1)	For consistency	DIS	GENERAL. Pursuant to s. 145.06 (3m), Stats., no person may conduct a performance test of a cross connection control assembly as required by s. SPS 382.22 (8) unless the person holds a registration issued by the department as a <del>registered</del> cross connection control <u>assembly</u> tester.	n/a	Incorporates changes made in chs. 381 to 387.
36.	305.99(2)	For consistency and clean up	DIS	APPLICATION FOR REGISTRATION. A person applying for a cross connection control <u>assembly</u> tester registration shall submit <del>all of</del> the following:	n/a	
38.	305.99(4)	For consistency	DIS	RESPONSIBILITIES. A person who, as a registered cross connection control <u>assembly</u> tester, conducts performance tests of cross connection control assemblies, shall be responsible for <del>all of the following</del> : (a) Maintaining a record of each cross connection control assembly performance test conducted, including the date and the result of the test, for at least 2 years; (b) Making available to the department upon request his or her performance test records, <del>and</del> (c) Following all procedures established by the department for conducting performance tests and filing the results.	n/a	
39.	305.99 (5)(a)	For consistency	DIS	A person may renew his or her registration as a cross connection control <u>assembly</u> tester.	n/a	Incorporates changes made in chs. 381 to 387.

**SPS 305 LICENSES, CERTIFICATIONS, AND REGISTRATIONS**

NO.	RULE PROVISION	ISSUE/REASON FOR CHANGE	PROPOSED BY	EXISTING LANGUAGE AND PROPOSED CHANGE	POTENTIAL IMPACT/COST	COMMENTS/STATUS
40.	305.99 (5)(b)	For consistency	DIS	A cross connection control <u>assembly</u> tester registration shall be renewed in accordance with s. SPS 305.07.	n/a	Incorporates changes made in chs. 381 to 387.
41.	305.99 (5)(c)1.	For consistency. Should be able to remove the date, as a full term has now passed.	DIS	The renewal of a certification as a cross connection control <u>assembly</u> tester <del>which has an expiration date after June 30, 2013</del> shall be contingent upon the cross connection control <u>assembly</u> tester obtaining at least <del>6</del> <u>six</u> hours of approved continuing education prior to the expiration date of the certification as specified in s. SPS 305.08 and Table 305.06, except as provided in subd. 2.	n/a	Incorporates changes made in chs. 381 to 387.
42.	305.99 (5)(c)2.	For consistency	DIS	A person who holds a certification as a cross connection control <u>assembly</u> tester may apply to the department for waiver of the continuing education requirements under subd. 1. on the grounds of prolonged illness or disability or similar circumstances. The department shall consider each application for waiver individually on its merits.	n/a	Incorporates changes made in chs. 381 to 387.

DRAFT

**SPS 382 DESIGN, CONSTRUCTION, INSTALLATION, SUPERVISION, MAINTENANCE, AND INSPECTION OF PLUMBING**

NO.	RULE PROVISION	ISSUE/REASON FOR CHANGE	PROPOSED BY	EXISTING LANGUAGE AND PROPOSED CHANGE	POTENTIAL IMPACT/COST	COMMENTS/STATUS
27 a6.	382.33 (9) (f) 3. to 5.	Move subd. 3. to 5. under section 382.36 (8) (a)  See also 38 e1.	DIS	<del>3. b. A sump may not be located in an elevator machine room. 4. A drain serving an elevator pit that discharges to a sump shall have a submerged inlet constructed to maintain a minimum 6" trap seal. 5. A sump located in an elevator pit may only receive storm or clear water waste from the elevator pit or the elevator machine room, or both.</del>	n/a	
29b.	382.34 (3) (a)	Move under new section 382.34 (16)	DIS	<del>(a) Treatment for reuse. 1. Except as limited in subd. 2., graywater, storm water, clear water, blackwater and other wastewaters as approved by the department may be reused in conformance with s. SPS 382.70. 2. Except as provided in subd. 3., wastewater discharged from water closets or urinals shall not be reused for drinking water. 3. All treatment works permitted by the department of natural resources, or a POWTS which includes an in situ soil dispersal or treatment component may treat wastewater discharged from water closets or urinals for reuse.</del>	n/a	
47.	382.40 (3) (e)	Code not able to keep pace w/changes to the date of the standard.	DIS	<i>Multipurpose piping system.</i> 1. Except as provided in subd. 2., a multipurpose piping system shall be designed and installed in accordance with this section and <u>the current</u> NFPA 13D: Consider additional language to address multifamily facilities.		8/9/2017 - No committee action required.

**SPS 383 PRIVATE ONSITE WASTEWATER TREATMENT SYSTEMS**

NO.	RULE PROVISION	ISSUE/REASON FOR CHANGE	PROPOSED BY	EXISTING LANGUAGE AND PROPOSED CHANGE	POTENTIAL IMPACT/COST	COMMENTS/STATUS
	383.71 (3) and (5) (d)	Repeal due to Act 59	DPD	Repeal effective 6-30-21, due to elimination of the Wisconsin Fund pursuant to 2017 Wis. Act 59.		[No committee action required]
	383.71 (7) (c)	Repeal (obsolete)	DPD			[No committee action required]

**SPS 384 PLUMBING PRODUCTS**

NO.	RULE PROVISION	ISSUE/REASON FOR CHANGE	PROPOSED BY	EXISTING LANGUAGE AND PROPOSED CHANGE	POTENTIAL IMPACT/COST	COMMENTS/STATUS
7L.	384.30 (5) (c) 7.	Revise	DIS	(a) 7. Backflow preventers with <u>an</u> intermediate atmospheric vent shall conform to ASSE 1012 and dual check type atmospheric port backflow preventers shall conform to CAN/CSA 64.3.		

**SPS 385 SOIL AND SITE EVALUATIONS**

NO.	RULE PROVISION	ISSUE/REASON FOR CHANGE	PROPOSED BY	EXISTING LANGUAGE AND PROPOSED CHANGE	POTENTIAL IMPACT/COST	COMMENTS/STATUS
				Clean up only		

**SPS 386 BOAT AND ON-SHORE SEWAGE FACILITIES**

NO.	RULE PROVISION	ISSUE/REASON FOR CHANGE	PROPOSED BY	EXISTING LANGUAGE AND PROPOSED CHANGE	POTENTIAL IMPACT/COST	COMMENTS/STATUS
				No changes		

[Note: SPS 387 is repealed effective June 30, 2021, pursuant to 2017 Wisconsin Act 59.]

**COMMITTEE MEMBER ITEMS FOR CONSIDERATION**

NO.	RULE PROVISION	ISSUE/REASON FOR CHANGE	PROPOSED BY	EXISTING LANGUAGE AND PROPOSED CHANGE	POTENTIAL IMPACT/COST	COMMENTS/STATUS
1a.	SPS 382.40 (5) (b)	The 2018 adoption of IECC C404.5 via the commercial building code is in conflict with plumbing code.	Gardner			<i>Green Initiative</i>
2.	SPS 382.22 (8)  <i>See #37a3.</i>	Require the instruments used for testing cross connection control assemblies (ccca) be tested and calibrated annually	Sladky	<p><b>Description of problem:</b> Cross connection control assemblies are being tested with equipment that is out of tolerance and inaccurate. This can cause false passing results as well as false fails.</p> <p><b>Extent of problem:</b> According to one calibration contractor 70% of the instruments he services are out of the acceptable range to ensure safe results. Many of the people testing the devices perform a considerable number each year. If their testing device is off there is a real danger. Additionally, if an instrument is out of calibration, they may be failing devices that should pass causing unwarranted expense to the owner.</p> <p><b>What will happen if change not made:</b> Continued risk to the potable water supply as well as added cost to some BFP owners due to "false fails".</p>	There may be expense caused by false fails as well as cost savings by false pass results.	

**COMMITTEE MEMBER ITEMS FOR CONSIDERATION**

NO.	RULE PROVISION	ISSUE/REASON FOR CHANGE	PROPOSED BY	EXISTING LANGUAGE AND PROPOSED CHANGE	POTENTIAL IMPACT/COST	COMMENTS/STATUS
				<p><b>SPS 382.22(9) Backflow Prevention Field Test Kit (BPFT).</b></p> <p>(a) The calibration and maintenance of a BPFT shall be completed by an accredited testing facility traceable to the National Institute of Standards and Technology (NIST).</p> <p>(b)</p> <ol style="list-style-type: none"> <li>1. Calibration and maintenance shall be completed for the BPFT at the following intervals:                             <ol style="list-style-type: none"> <li>a. At least annually</li> <li>b. Immediately following alteration or repair to the BPFT</li> <li>c. The BPFT is demonstrating inconsistent test results.</li> </ol> </li> <li>2. Documentation of calibration shall be included with the testing equipment per ASSE 1064 and made available upon request to the department, its agent or the local government unit.</li> </ol>		
3.	382.20	Plan Review	Gardner, amended by PAC	<p><b>382.20(8) REVISIONS.</b> All changes <del>Changes</del> or modifications <del>involving 4 or more fixtures,</del> which involve the provisions of chs. SPS 382 to 384, made to plumbing plans and specifications, which have been granted approval under sub. (1), shall be submitted to the department or agent municipality for examination. All changes and modifications shall be approved in writing by the department or agent municipality prior to installation of the plumbing.</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>(8) REVISIONS. All changes or modifications, <del>which involve</del> <u>involving</u> the provisions of chs. SPS 382 to 384, made to plumbing plans and specifications, <del>which that</del> <u>that</u> have been granted approval under sub. (1), shall be submitted to the department or agent municipality for examination. All changes and modifications shall be approved in writing by the department or agent municipality prior to installation of the plumbing, <u>except as provided in pars. (a) to (c).</u></p> <p><u>(a) 1. The building owner and master plumbing in charge shall assume all risk and liability for proceeding with construction or installation based on changes or modifications to plans that have not been approved in writing by the department or agent municipality.</u></p> <p><u>2. Work performed under par. (a) 1. is done without assurance the change or modification will be approved by the department or agent municipality.</u></p> <p><u>(b) Revisions to the approved plan must be submitted to, reviewed, and approved by the department or agent municipality within 30 days of owner occupancy.</u></p> <p><u>(c) A building owner and master plumber in charge shall be held responsible for any changes required after the revised plans have been reviewed and shall remove or replace any plumbing installation that is does not comply with code.</u></p> </div> <p><b>Proposed Change:</b></p>	None	

**COMMITTEE MEMBER ITEMS FOR CONSIDERATION**

NO.	RULE PROVISION	ISSUE/REASON FOR CHANGE	PROPOSED BY	EXISTING LANGUAGE AND PROPOSED CHANGE	POTENTIAL IMPACT/COST	COMMENTS/STATUS
				<p>Define what constitutes a change or modification requiring revised drawings. Loosen up the existing requirement to allow jobs to move forward in a more efficient and productive way without sacrificing code conforming installations.</p> <p><b>Description of problem:</b> As it stands now the code says that ALL changes and modification involving provisions of SPS 382 to SPS 384 made to plumbing plans and specifications shall be submitted to the department or agent for examination. All changes and modifications shall be approved in writing PRIOR to installation.</p> <p><b>Extent of Problem:</b> The problem with this is if we follow this as written, every single job would have the potential to have multiple revisions. There are a multitude of jobs such as remodeling jobs, strip malls etc. that would have never ending revisions due to existing unknown conditions, new tenants, etc. This would overwhelm the department or agent municipalities and slow down plan reviews and inspections. There are also discrepancies between inspectors on exactly what constitutes a change or a modification. Is it as focused as doing offsets around equipment in an attempt to coordinate with other trades? Is it a change if you use an approved equal fixture because the ones that were submitted were not readily available? Is it considered a change if you pipe a system to code more efficiently than the out of state engineer who back vented every single fixture just to get approvals in every state? Why can't an inspector and contractor allow changes without revised drawings when the installer and the inspector concur the revised installation meets code and doesn't cause any public risk? Another issue is when does an original job end and remodeling start? (remodeling, mall and strip mall scenario) Does that mean that every single store that comes into the mall would trigger revised drawings? What if there are 500 stores?</p> <p><b>What will happen if change not made:</b> I am concerned that this is one of the areas in our code where the progress of a job can be negatively impacted by this procedure by causing the continuation of long lead review times while causing major schedule delays to everyone involved with the project. I believe this is an area where our plumbing code procedures could be questioned about having some flexibility in order to keep construction moving forward. What is the public risk if a licensed plumber makes a change within code requirements and has the change inspected and approved by the inspector?</p> <p><b>What costs, in terms of time and money, are associated with implementing this change?</b></p>		

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				I feel this will have no extra costs to anyone involved whatsoever. It will allow construction to progress in a more efficient manner making contractors and owners less likely to complain or challenge our plumbing code. It will allow inspectors to spend more time out in the field inspecting installations and looking for code violators.		

### NON-COMMITTEE MEMBER ITEMS FOR CONSIDERATION

NO.	RULE PROVISION	ISSUE/REASON FOR CHANGE	PROPOSED BY	EXISTING LANGUAGE AND PROPOSED CHANGE	POTENTIAL IMPACT/COST	COMMENTS/STATUS
1.	SPS 382.40(7)(e)  See #48c	Limits velocity to 8-ft per second in distribution piping	Wisconsin Fire Sprinkler Coalition	<p>The intent of limiting the maximum velocity in distribution pipe is to reduce the noise of moving water and excessive wear &amp; tear on pipe from daily use.</p> <p>Currently, designers installing a multi-purpose piping sprinkler/plumbing system need to up size distribution piping in order to stay below the velocity requirements when calculating the fire sprinkler demands which adds cost to the installation. I understand the need to address the excessive wear &amp; tear and noise from water used on a daily basis; however, we hope the fire sprinklers never activate and if they do, it would be a once in a lifetime event.</p> <p><b>Current:</b> (e) Maximum velocity. A water distribution system shall be designed so that the flow velocity does not exceed 8 feet per second <u>except as provided in SPS 382.40 (3) (e).</u> (*)</p> <p><b>Exception proposed by submitter:</b> Except that the design flow velocity of the fire sprinkler system in a multi-purpose piping system shall not be limited.</p> <p>*Text of Reference: 382.40 (3) (e) <i>Multipurpose piping system.</i> 1. Except as provided in subd. 2., a multipurpose piping system shall be designed and installed in accordance with this section and NFPA 13D. <b>Note:</b> Pursuant to this subdivision and sub. (2), materials for multipurpose piping systems need to be acceptable under the NFPA 13D standard and s. <a href="#">SPS 384.30</a>, Table 384.30–9. <b>Note:</b> See s. <a href="#">SPS 321.095</a> of the Dwelling Code and s. <a href="#">SPS 362.0903 (10)</a> of the Commercial Building Code as to fire protection provisions for multipurpose piping systems. 2. Fire department connections are prohibited in a multipurpose piping system.</p>	Less restrictive, provides additional options	

**ADDITIONAL DEPT. CONSIDERATIONS**

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1.						
2.						
11.	382.30 (11) (c) 2. e.	Allows for seasonal homes	DIS, Amended by PAC	<p>Where a building sewer or private interceptor main sewer is installed to serve <del>summer</del> <u>seasonal</u> use <del>public facilities</del>, frost protection requirements shall not apply.</p> <p><i>Discussion: Consider changing "summer" to "seasonal" for consistency w/other rules. Consider creation of note to reference definition of "seasonal".</i></p> <p><i>Per SPS 364.0309 (2), "Seasonal" is considered as the period between May 1 through October 15.</i></p>		
11a.	382.30 (11) (e)	Revise	DIS	<p><i>(e) Installation of building drains and building sewers. 1. 'Trenching.' All excavations for building drains and building sewers shall be open trench work, unless otherwise <del>permitted</del> <u>approved by local ordinance or accepted by the local inspector department.</u></i></p>	Less restrictive	
12.	382.30 (12)(f)  <u>382.30 (11) (a)</u>	Non-easement issues	DIS  PAC	<p>Existing: No private interceptor main sewer may pass through or under a building to serve another building, unless one of the following conditions are met:</p> <p>Proposed: <u>3. An easement and agreement for maintenance and repairs shall be recorded with the register of deeds no later than 90 days after installation.</u></p> <p>Discussion: Issues w/neighbor disputes re: who is maintaining easement. Proposal provides directive to alleviate issues.</p> <p><i>Consider additional amendments to this section. Consider adding new language after 'main sewer'....'or building sewer that connects to a private interceptor...' OR change 382.30(11) (a). Includes water, storm, and sanitary sewers.</i></p>		
13.	382.30 (13)(c)	Clarification	DIS Amended by PAC	<p>Exposed drain piping shall not be located over a pool, surge tank, or an open filter for a pool.</p> <p>Proposed: Add Note: <u>Note: Piping with insulation is not exposed.</u></p> <p><i>SPS 382.30(13) (c) (Note) is created to read: <b>Note:</b> See ch. SPS 382 Appendix for examples of exposed piping considerations.</i></p> <p><i>5/04/17 - Discussion: Intent is to prevent installation of ceilings to cover piping.</i></p>	Less restrictive	

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	382.30 (13) (b)			<i>Consider additional amendments to this section and other sections relating to exposed pipes over consumables. Consider including examples of porous insulation (indicating a leak) in the Appendix (i.e. fiberglass w/paper sleeve or other porous insulation) 6/14/17 - This may fall under health department. They may allow a trough.</i>		
13 a1.	382.31 (10) (a)	Revise – Allows use of double wyes	DIS	(a) The circuit vent shall connect to the horizontal drain at <u>the same point or a point between the 2 most upstream fixtures.</u>	Provides flexibility	
13a.	382.31 (11) (a)		DIS Amended by PAC	<i>(a) Vertical drains. A common vent may serve a maximum of 2 fixtures where both fixture drains connect to a vertical drain at the same elevation. 1. Where this connection is by means of a sanitary tee fitting with a side inlet, the centerline of the side inlet opening may not be below the centerline of the larger opening. 2. The drain connection of a blowout type fixture, or a kitchen sink, or a clothes washer served by a common vent may not be by means of a double sanitary tee fitting.</i>		
14.	382.31 (12)	Clarification	DIS Amended by PAC	RETURN VENTS. <del>Plumbing</del> Wall outlet <del>plumbing</del> fixtures may be vented in accordance with pars. (a) to (d).		
15.	382.31 (16) (d) 1.	Existing language too restrictive	DIS Amended by PAC	<i>Location of vent terminals. 1. <del>A vent shall not terminate at least 5 feet under the overhang of a building. [repeal 1.]</del> Create: 2- 1m. e. If a vent terminates under an overhang, it shall be a minimum of 5 feet below the overhang.</i>		
18.	382.31 (18m)	Codifying AAV alternate approval  Doesn't have to go through plan review if in code.	DIS, Amended by PAC	<p>Create new section:  <u>(18m) AIR ADMITTANCE VALVES (AAV). The use of air admittance valves in lieu of traditional venting shall comply with all of the following:</u></p> <p>(a) <u>The AAV may only serve as a termination point for a branch vent, circuit vent, common vent, individual vent, wet vent or- combination drain and vent system. The AAV may serve a pumped-discharge type clothes washer standpipe when the fixture drain downstream of the point of vent is at least 3 inches in diameter.</u></p> <p>(b) <u>Branches that have fixtures served by the AAV must comply with all of the following:</u></p> <ol style="list-style-type: none"> <li>1. <u>When connected to a stack that has 4 or more branch intervals above the branch connection, the branch must be provided with a relief vent located between most downstream fixture and the stack.</u></li> </ol> <p>(c) <u>The AAV may not serve as a vent termination point for any of the following:</u></p> <ol style="list-style-type: none"> <li>1. <u>Areas of negative pressure such as parking garages, laboratories, research facilities etc.</u></li> <li>2. <u>Commercial parking structure</u></li> <li>3. <u>To relieve positive pressures</u></li> <li>4. <u>A fixture serving a chemical waste system.</u></li> <li>5. <u>POWTS components such as a holding tank or treatment tank</u></li> </ol>		Q. Need drawing in appendix? A. No

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				<p>6. <a href="#">A stack vent serving two or more branch intervals</a></p> <p>7. <a href="#">A vent stack that is required in accordance with s. SPS 382.31 (4) (a).</a></p> <p>8. <a href="#">A vent serving a sump.</a></p> <p>9. <a href="#">An enclosed stairwell.</a></p> <p>10. <a href="#">An area utilized as supply or return air plenum.</a></p> <p>11. <a href="#">A pit, vault, or depression which is below the adjacent grade or floor level.</a></p> <p>12. <a href="#">Plumbing wastewater and treatment devices used to treat fats, oils &amp; grease (FOG).</a></p> <p>13. <a href="#">An area that subjects the valve to grease or other materials which could cause fouling of the valve's seal.</a></p> <p>14. <a href="#">Clean rooms such as FDA/DATCP regulated food and beverage production areas, Bio Safety Labs, Pharmaceutical production and/or processing facilities. <i>Note: For specific applications not listed, please contact DSPS.</i></a></p> <p>15. <a href="#">A health care facility as defined in s. SPS 381.01 (116). (add new healthcare definition)</a></p> <p>16. <a href="#">A restaurant kitchen licensed by the state or local department of health.</a></p> <p>17. <a href="#">A residential bedroom.</a></p> <p>18. <a href="#">A daycare.</a></p> <p>(d) <u>The size and developed length for a vent using an AAV shall conform with Table 382.31-6.</u></p> <table border="1" data-bbox="705 935 1623 1430"> <thead> <tr> <th rowspan="2">Maximum DFU's</th> <th colspan="3">Maximum Developed Distance of Vent to Connection of AAV in Feet</th> </tr> <tr> <th colspan="3">Diameter in Inches</th> </tr> <tr> <td></td> <th>1-1/4<sup>a</sup></th> <th>1-1/2</th> <th>2</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>35</td> <td>NL<sup>b</sup></td> <td>NL<sup>b</sup></td> </tr> <tr> <td>3</td> <td>28</td> <td>140</td> <td>NL<sup>b</sup></td> </tr> <tr> <td>6</td> <td>NP<sup>c</sup></td> <td>100</td> <td>200</td> </tr> <tr> <td>20</td> <td>NP<sup>c</sup></td> <td>60</td> <td>110</td> </tr> <tr> <td>160</td> <td>NP<sup>c</sup></td> <td>NP<sup>c</sup></td> <td>25</td> </tr> </tbody> </table>	Maximum DFU's	Maximum Developed Distance of Vent to Connection of AAV in Feet			Diameter in Inches				1-1/4 <sup>a</sup>	1-1/2	2	1	35	NL <sup>b</sup>	NL <sup>b</sup>	3	28	140	NL <sup>b</sup>	6	NP <sup>c</sup>	100	200	20	NP <sup>c</sup>	60	110	160	NP <sup>c</sup>	NP <sup>c</sup>	25		
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<sup>a</sup> Drainage Fixture Units based on ch. SPS 382.

<sup>b</sup> NL means no limit.

<sup>c</sup> NP means not permitted.

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				<p><sup>d</sup> Not more than two water closets or similar type fixtures of four or more drainage fixture units.</p> <p>(e) <u>Installation. The installation of the AAV shall conform with all of the following:</u></p> <ol style="list-style-type: none"> <li>1. <u>The AAV must be installed in the vertical position (plus or minus 15 degrees from plumb).</u></li> <li>2. <u>The vent system being served by the AAV may have horizontal offsets located less than 36 inches above the floor on which the fixtures are installed providing the vent does not connect to another vent.</u></li> <li>3. <u>The installation location of the AAV shall conform with all of the following:</u> <ol style="list-style-type: none"> <li>a. <u>A minimum of 4 inches above the top of the horizontal pipe being served.</u></li> <li>b. <u>No more than 20 inches below the flood rim of any fixture served.</u></li> <li>c. <u>At least 6 inches above insulation materials.</u></li> <li>d. <u>In an accessible area.</u></li> <li>e. <u>Within a space that allows air to enter the product and has an opening equivalent to requirements in 382.31 (14).</u></li> <li>f. <u>With at least one vent <b>connected to the building drain waste and vent system and located</b> downstream of AAV extending to outside atmosphere.</u></li> <li>g. <u><b>With a 3 inch or larger vent to the outside atmosphere connected to the building drain waste and vent system.</b></u></li> </ol> </li> </ol> <p>(f) <u>Testing. AAV's shall be tested. The AAV shall be tested prior to or after installation. The AAV shall be subjected to a pressure equal to 1 inch of water column. After observing for 1 minute, if the pressure falls .5 of an inch or less, it will be considered a passing AAV.</u></p> <p>(g) <u>Notice to Owner: When an AAV is installed in a building, the contractor shall provide the owner with a copy of the manufacturer's written AAV description.</u></p>		
38F2J.	382.36 (14)	<p>This section represents items 38fa through 38f2i.</p> <p>Also refer to items 27a6.,</p>	DIS	<p>382.36 (14) <del>Elevator Hoistway Drains Elevators</del></p> <p><u>(a) General. Except as specified in par. (b), plumbing and mechanical systems shall not be located in an elevator shaft.</u></p> <p><u>(b)</u></p> <ol style="list-style-type: none"> <li><u>1. Except as provided in subd. 2., A drain or sump complying with ss. SPS 382.33 and 382.36 shall be provided in an elevator pit. Connection of the drain or sump to a sanitary system is prohibited.</u></li> <li><u>2. An elevator pit is exempt from the sump or drain requirement under subd. 1. for any of the following situations:</u> <ol style="list-style-type: none"> <li><u>a. The floor of an elevator walk-in pit is level with the adjacent floor.</u></li> <li><u>b. The elevator does not extend to the building's lowest floor level and the pit floor is not in contact with the earth.</u></li> </ol> </li> </ol>		<p>Comments: Sections, (a) &amp; (b) added from SPS 362.3002(4). 02/23/2021. B.E.M.</p>

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		38e1, 38f, 38f1, and 38f2.		<p><u>c. The pit floor is above adjacent grade where the elevator hoistway shaft has one or more exterior walls.</u></p> <p><u>d. The pit will not allow the entrance of ground water and will not be greater than 16 inches in depth.</u></p> <p>(c) <i>Discharge.</i></p> <ol style="list-style-type: none"> <li>1. Drains serving elevator hoistways shall discharge specified in Table 382.38-1.</li> <li>2. Drains serving elevator hoistways may not connect directly with the storm drain system by means of gravity flow piping.</li> <li>3. A drain serving an elevator hoistway that discharges to a sump shall have a submerged inlet constructed to maintain a minimum 6-inch trap seal.</li> </ol> <p>(d) <i>Sumps.</i></p> <ol style="list-style-type: none"> <li>1. A sump may not be installed in an elevator machine room.</li> <li>2. A sump located in an elevator hoistway may only receive storm or clear water waste from the elevator hoistway or the elevator machine room, or both. Note: See ch. SPS 382 Appendix for further explanatory material.</li> <li>3. <u>Where a sump is installed in an elevator hoistway, the rim shall be level with the floor.</u></li> <li>4. <u>A sump shall have a removable cover of sufficient strength for anticipated loads.</u></li> </ol> <p>(e) <i>Size.</i> Where required, the aggregate capacity for drainage from the hoistway shall be at least one of the following:</p> <ol style="list-style-type: none"> <li>1. 30 gpm in a hoistway with one elevator.</li> <li>2. 50 gpm in a hoistway with two or three elevators.</li> <li>3. 80 gpm in a hoistway with four elevators.</li> </ol> <p>Note: See s. SPS 382.36 for the width or diameter and depth of a sump pump located in an elevator pit. History: CR 10-103: cr. Register August 2011 No. 668, eff. 9-1-11; CR 14-020: r. and recr. (3) Register August 2014 No. 704, eff. 9-1-14; CR 16-094: renum 362.3002 to (1), r.</p>		<p>Comments: Notes and History added from SPS.3002(4). 02/23/2021. B.E.M.</p>

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				<p>and recr. (title), renum. 362.3004 (1) to (3) to (2) to (4) and am., Register April 2018 No. 748 eff. 5-1-18.</p> <p>(f) <u>Floor drains serving elevator door areas. When installed, emergency floor drains intended solely to minimize the infiltration of water into an elevator hoistway, shall utilize the conditions of this paragraph.</u></p> <ol style="list-style-type: none"> <li>1. <u>In lieu of individual traps, a single trap may serve multiple floor drains on a single floor.</u></li> <li>2. <u>Where multiple floor drains are served by one trap, an untrapped floor drain may serve the cleanout requirements under s. SPS 382.35(3)(a).</u></li> <li>3. <u>Discharge shall be as specified in Table 382.38-1.</u></li> <li>4. <u>Drain piping serving a single floor, or any portion thereof, shall be sized to accommodate the anticipated design discharge of the fire sprinkler heads that present the potential of introducing water into the elevator hoistway.</u></li> <li>5. <u>Where multiple floor levels are served by a single stack, it is permissible to size any portion of that stack to accommodate the anticipated design discharge of the fire sprinkler heads serving a minimum of two floors.</u></li> <li>6. <u>A drain stack in connection with only floor drains serving elevator door areas may utilize a combination drain and vent system under s. SPS 382.31(17)(a)3.</u></li> </ol> <p>Discussion: Floor drain inside buildings and may go to sanitary system or storm. Purpose is to stop from going into drain. Number of floors are included in CBC.</p> <p>Ensure this is covered Table 382.38, and safing exceptions in SPS 384. [Ryan</p> <p>Note: See s. SPS 382.36 for the width or diameter and depth of a sump pump located in an elevator pit.                      History: CR 10-103: cr. Register August 2011 No. 668, eff. 9-1-11; CR 14-020: r. and recr. (3) Register August 2014 No. 704, eff. 9-1-14; CR 16-094: renum 362.3002 to (1), r.</p>		

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2c.	384.20 (4) (b) 9.b.	There shouldn't be a need to provide safing for these floor drains, as they are emergency use fixtures.	DIS	<del>All</del> <u>Except for emergency floor drains intended solely to minimize the infiltration of water into an elevator hoistway, all floor drains or other similar fixtures shall be installed with a safing material extending a minimum of 12 inches from the fixture.</u>		
38F2P	382.31 (17)(a)3.a	Create. Needed for new elevator sub.		<u>The drain stack shall be limited to serving emergency floor drains serving elevator door areas.</u>		
38f2s	382.31 (17)(a)3.d.	Create. Needed for new elevator sub.		<u>Emergency floor drains, provided with individual traps that utilize other means of venting, are permitted to discharge into the stack.</u>	none	