Safety and Buildings Division Instructions for Obtaining Continuing Education Credit Hours for Viewing Online Videos and Correctly Answering Questions

After viewing the videos, you should print this questions/verification document. Fill in the identifying information at the beginning of the questions. Read the questions and circle the correct answers.

Fill in the attendance verification form at the end of the questions.

Make a copy of the filled-in packet to keep for your records.

Send the original answers and the attendance form to Safety and Buildings, PO box 2658, Madison, WI 53701-2658. Enclose a check for $30 for the class fee.

You will not be sent an acknowledgement of S&B receiving your submission unless you fail to answer at least 70 percent of the questions correctly.

After allowing two weeks for processing, you can check your continuing education records by going online to http://apps.commerce.state.wi.us/SB_Credential/SB_CredentialApp. Enter your S&B customer number in the search box. Double-click "Search." In the search results at the bottom of the page, double-click on your name and you will see the S&B records of continuing education for that credential.

In order to be given credit hours for the continuing education term ending December 31, for renewal of a credential that expires on March 31, your submittal must be postmarked on or before December 31.

If you submit the forms and fees after that date, and do not have sufficient credit hours to renew, you will be sent a letter telling to submit an additional $25 late fee.

Go to the next page to fill out your customer information and answers questions concerning the video you have viewed.

Questions for **Drain, Waste & Vent Design, Course #10840**

$30 fee for three continuing education credit hours for Commercial Plumbing Inspector, Journeyman Plumber, Master Plumber and UCD-Plumbing Inspector

Name:_____ License Number:_____ Fiscal Code 7632

Address:_____

Telephone Number:_____ Email:_____

1. The table used to determine the maximum number of drainage fixture units allowed through horizontal drain piping is:

   a. 82.30-3
   b. 82.31-1
   c. 82.30-2
   d. 82.30-5

2. A sanitary vent may terminate through an exterior wall if:

   a. it is the only alternative
   b. it is installed per 82.31 (16) (d) & (e)
   c. it is for a farmhouse
   d. the wall is made of concrete

3. To determine the drainage fixture units for a continuous flow device, you would:

   a. multiply the GPM by 2
   b. use table 82.30-1
   c. divide the GPM by 7.5
   d. automatically use a 3" receptor

4. A six-story building would have how many branch intervals?

   a. 6
   b. 7
   c. depends on the number and placement of branch connections.
   d. depends on the diameter of the stack at the base

5. The maximum drainage fixture units allowed in a 4" building sewer at 1/4" per foot pitch is:

   a. 180
   b. 216
   c. not permitted
   d. 250

6. The drainage fixture unit value for a residential clothes washer is:

a. 4
b. 2
c. 3
d. None of the above

7. A stack vent and vent stack would be required when:

a. the system is in a hospital
b. the drain stack has at least 5 branch intervals
c. the drain stack has at least 2 branch intervals
d. none of the above

8. The wet vent serving a water closet:

a. has a minimum size of 2" in diameter
b. must be at a point above the horizontal center line
c. must be draining a lavatory
d. both a and c

9. Vent piping serving wall outlet fixtures may not offset horizontally:

a. less than 38" above the floor
b. less than 36" above the floor
c. if it is serving a kitchen sink
d. if it is larger than 2" in diameter

10. If a house has only one vent terminal, it shall be:

a. a minimum of 2" in diameter
b. a minimum of 3" in diameter
c. 5 ft. away from an air intake
d. both b and c

11. The maximum number of drainage fixture units allowed on 3” horizontal drain pipe is:

a. 10
b. 36
c. 20
d. 48

12. The minimum diameter vent stack serving a 5 branch interval stack with a diameter of 6 inches at it’s base is:

a. 6"
b. 3”
c. 4”
d. 2”

13. A common vent may be installed:

    a. on fixtures that are identical
    b. only on 4 identical fixtures
    c. only on 8 identical fixtures
    d. on more than 2 fixtures

14. A vertical wet vent:

    a. may serve 2 wall outlet fixtures
    b. must be 1-1/2” or one pipe size larger than the upper fixture
    c. must be in a non-public building only
    d. must be in a public building only

15. The maximum number of combination drain and vent systems in a non-public building is:

a. one
b. no limit
c. three
d. depends on the number of fixtures upstairs

16. The trap of any building drain branch shall have a minimum diameter of:

a. 3"
b. 2"
c. 1-1/2"
d. 4"

17. The minimum diameter of the horizontal drain between the drain and vent stack and the first building drain branch downstream of the stack is always:

    a. the same as the building sewer
    b. 3" in diameter
    c. 2" in diameter
    d. depends on the length of the stack

18. The minimum diameter of a stack serving a combination drain and vent system is:

a. 1-1/2"
b. 2"
c. 3"
d. 4"

19. The minimum distance measured from the face of the double sanitary tee fitting to the center-line of the water closet opening served by the 3 inch sanitary double tee in a vertical common vent installation is:

a. 30”
b. 36”
c. 24”
d. 48”

20. The drainage fixture unit value of an intermittent pump discharging 40 GPM is:

a. 20 GPM
b. 30 GPM
c. 80 GPM
d. 40 GPM

21. The minimum size sanitary sump vent serving a pump that discharges 75 GPM is:

a. 1-1/4”
b. 1-1/2”
c. 2”
d. None of the above

22. The maximum number of drainage fixture units allowed from side connections discharging into a branch interval with a 4 inch diameter is:

a. 20
b. 90
c. 160
d. 240

23. The maximum number of drainage fixture units allowed in a 1-1/2 inch diameter drain stack with 3 branch intervals is:

a. 2
b. 8
c. 3
d. 4

24. A branch interval is created when the minimum vertical distance between horizontal drain connections is:

a. 6 ft.
b. 8 ft.
c. 10 ft.
d. none of the above

25. Combination drain and vent stacks can be used in either public or non-public buildings.

☐ True
☐ False

26. Vertical wet vents must serve identical fixtures.

☐ True
☐ False

27. Horizontal drain connections are allowed to be installed in horizontal offsets below 5 or more branch intervals.

☐ True
☐ False

28. A 22-1/2 degree offset installed below 4 branch intervals is defined as a vertical offset.

☐ True
☐ False

29. The upper fixture drain of a branch interval always discharges into that branch interval and the lowest connection creating the branch interval never discharges into that branch interval.

☐ True
☐ False

30. A dishwasher may discharge into a stand-pipe vented by means of a horizontal common vent.

☐ True
☐ False

Educational Course Attendance Verification

Safety & Buildings Division
201 W Washington Avenue
P O Box 7082
Madison WI 53707-7082
Phone: (608) 261-8500
TTY: (608) 264-8777

Personal information you provide may be used for secondary purposes [Privacy Law, s. 15.04(1)(m)].

Instructions: Print all information clearly

Attendee's Name (Last, First, Middle Initial):	Course Title/Name:			
Credential Number: **Cannot process without this information**			Course ID #:	Course Date (mo/dy/yr):
Street Address or PO Box:	List the name of each credential held by attendee that is relevant to this course Use space below if needed.			
City, State and Zip Code + 4:				
Daytime Telephone Number (include area code):				
Attendee's Signature:	DECLARATION: I believe that the information given on this form is true. I realize that a misstatement could result in disciplinary action under Comm 5.10, Wis. Adm. Code.			

Credit hours obtained at least 90 days prior to the expiration date of a credential apply as credit to the current credential period. Credit hours obtained less than 90 days to the expiration date of a credential are applied as credit to the next credential period.

SBD-9142 (R.2/03)