SSPC HP and UHP Waterjet Operator Evaluation (Deck-Floor Equipment – Vacuum-Optional)

Name of Student: Date:

Employer: 

Test Location: Evaluator: 

Each student must fill in all applicable information and sign the evaluation form for this evaluation to be complete.

I. Each student will identify the major components of the high-pressure waterjetting equipment (2 points each)

1. Identify the type and size of the “walk-behind” equipment.
   Type: (deck, wall, hand)__________
   Size: (hp, cleaning path)__________

2. What is the number of nozzles/orifices for this equipment? 
   Number:________________ Nozzle

3. What is condition and type of skirt and condition of tires/conveyance:
   Skirt-Type:_______ Condition:_____ Wheels:________

4. What is the standoff distance and condition of the bar/rods holding the tips?
   Standoff: _________ Bar:________

5. What is the power source of the rotating motor?
   Type: Air ___ Electrical___ Self-driven____
   If air, are the hoses in good condition?

6. What is the effluent water collection system?
   Vacuum:_______________________ Coffer dam, berm:______________________

II. The instructor will observe each student perform the following test of the high-pressure waterjetting equipment. Student will record all information. (5 points each)

7. Check perimeter and movable equipment
   Area:_________ Signage: ________________ Accessibility:____________

8. Check the hose connections, fittings, condition:
   Proper Connections:____ Condition:_____ Layout:______ Safety Devices
9. Preflush line, and lay head on its side. Without rotation, check condition of tips and pressurized system.

   Spray Pattern: Visible Leaks:

10. Check to see that shut-off device is operational.

11. Optional: Check that cable restraint (on vertically mounted units) are intact.

III. An instructor will observe each student waterjetting. Students will be graded for the proper use of PPE and cleaning techniques. Each student will clean a test specimen according to SSPC SP-12/NACE 5 WJ-2 Very Thorough or Substantial Clean Surface and achieve the required visible cleanliness.

12. Student wearing proper PPE during cleaning operation (5 Points)

   Yes: _______ No: _______ Explain:________________

13. Did the student use proper techniques while operating the equipment (5 points)

   Nozzle Standoff Distance: _______ Dwell Time:_____
   Transverse Rate (how fast did he move the head?)_________
   How much overlap?_________

14. Did the student achieve an SSPC SP12 WJ-2 Very Thorough or Substantial Clean surface. (10 points)

   Yes:______ No:______ Explain:________________

15. Did the student properly depressurize the system? (5 points)

   Yes:__________ No:______________ Explain:_________________

   Comments:

   ____________________________________________________________________
   ____________________________________________________________________
   ____________________________________________________________________

   Evaluation Score: ___________

   Signature of Student

   ___________________________________________ Date: ________________

   ___________ Evaluator Verification of Student’s Government- Issued Photo ID (e.g., Driver’s License, Passport)

   Signature of Evaluator

   ______________________________ Date: ______________________________