

## **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: \_\_\_\_\_ Cofferdam, 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: \_\_\_\_\_