SSPC HP and UHP Waterjet Operator Evaluation (Manually Held Gun)

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. Check off applicable equipment used to produce water during blasting operations:
   Motor:_______: Pump: Intensifier_______ or Direct Drive______ Pressure:_______

2. Identify high-pressure hose condition:
   Hose Condition:_______: Type of male and female hose couplings:______ Safety Devices for Hoses: Between Connections___ Next to Body____

3. Identify condition and type of gun:
   Dry Shut Off:______or Dump:______ Range: Low Pressure___ HP____ UHP ______

4. Identify condition and type of shutoff control valve:
   Type: Tumble Box___ Other________  Condition:

5. Identify condition of nozzles.
   Number:____ Good Condition?:___________, Cross Threaded?____

II. The instructor will observe each student performing the following tests of the waterjetting equipment. Students will record all information. (5 points each)

6. Check the layout for perimeter and components, entry access.
   Area:_________________  Signage:________________

7. Check the size of the tips to ensure that they are correct to go with the pressure and flow. (Cross Threaded?)_______

8. Without the nozzle, perform a pre-flushing
   Condition of water Any leaks
9. **Put on the hose. Check condition of tips and pressurized system**
   - Spray Pattern
   - Visible Leaks:
     - Check to see if head/nozzle _______ or barrel is rotating______ according to manufacturer’s requirements.

10. **Will shut-off system operate properly?**
    - Check them all- gun, pump
    - Dual trigger- on/off- more than 3 second delay?
    - Tumble boxes—
    - Emergency shut off

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.**

11. **Student wearing proper PPE during cleaning operation (5 Points)**
    - Yes: _______  No: ____________ Explain: __________________

12. **Did the student use proper cleaning techniques (5 points)**
    - Nozzle Distance:__ Dwell Time:__ Nozzle Angle:____ Uniformity- squaring up

13. **Did the student achieve an SSPC SP12 WJ-2 Very Thorough or Substantial Clean Surface. (10 points)**
    - Yes: _____ No:_______ Explain:_______ Uniformity of Cleaning Strokes
    - Weld

14. **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: _____________________