SSPC C-7 DRY ABRASIVE BLASTER EVALUATION

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 abrasive blasting equipment. **(2 points each)**

1. Identify air supply and C.F.M. used for abrasive blasting operation.
Air Supply: _____, C.F.M. _____

2. Check off applicable equipment used to maintain dry air during blasting operations.
Separator: ____, Air Dryer: _____, After cooler: _____, Desiccant filter: _____

3. Identify blasting hose condition and size.
Hose Condition: _____, Hose Diameter: _____

4. Identify type and size of abrasive used.
Abrasive Type: _____, Abrasive size: _____

5. Identify condition and type of deadman control valve.
Condition: _____, Type: Pneumatic: _____, Electric: _____

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

6. Using a blast nozzle orifice gauge check the size of blast nozzle.
Blast nozzle size: _____

7. Using a air pressure needle gauge check the air pressure at the nozzle.
Blast nozzle air pressure: _____

8. Perform an air cleanliness check using the blotter test / clean plexi-glass method.
Condition of abrasive blast air: _____

III. An instructor will observe each student abrasive blast. Students will be graded for the proper use of PPE and blasting techniques. Each student will abrasive blast a test specimen according to SSPC SP 10 Near White Blast and achieve the required surface cleanliness and surface profile.

9. Student wearing proper PPE during blasting operations. (5 points)
Yes: ____, No: ____, Explain: _____

10. Did the student use proper abrasive blasting techniques. (5 points)
Nozzle Distance: _____, Nozzle Angle: _____, Dwell Time: _____

11. Did the student achieve an SSPC SP 10 Near White Blast. (10 points)
Yes: ____, No: ____, Explain: _____

12. Did the student achieve a proper surface profile on the blasted surface. (5 points)
Yes: ____, No: ____, Explain: _____

Affix Testex tape here

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_____