

**PERFORMANCE EXAM CHECKLIST**

**TOTAL EVAPORABLE MOISTURE CONTENT OF AGGREGATE BY DRYING  
FOP FOR AASHTO T 255**

**LABORATORY DETERMINATION OF MOISTURE CONTENT OF SOILS  
FOP FOR AASHTO T 265**

Participant Name \_\_\_\_\_ Exam Date \_\_\_\_\_

Record the symbols "P" for passing or "F" for failing on each step of the checklist.

Procedure Element	Trial 1	Trial 2
1. Representative sample of appropriate mass obtained?	_____	_____
2. Mass of container determined to 0.1 g?	_____	_____
3. Sample placed in container and mass determined to 0.1 g?	_____	_____
4. Test sample mass conforms to the required mass?	_____	_____
5. Wet sample mass determined to 0.1 g?	_____	_____
6. Loss of moisture avoided prior to mass determination?	_____	_____
7. Sample dried by a suitable heat source?	_____	_____
8. If aggregate heated by means other than a controlled oven, is sample stirred to avoid localized overheating?	_____	_____
9. For aggregate: Is aggregate heated for the additional, specified time (forced draft, ventilated, convection – 30 minutes; microwave – 2 minutes; other 10 minutes) and then mass determined and compared to previous mass showing less than 0.10 percent loss?	_____	_____
10. For soil: Is soil heated for at least 1hour additional drying time and then mass determined and compared to previous mass - showing less than 0.10 percent loss?	_____	_____
11. Sample cooled, dry mass determined and recorded to the nearest 0.1 percent?	_____	_____
12. Moisture content calculated correctly and recorded to the nearest 0.1 percent?	_____	_____

Comments: First attempt: Pass \_\_\_\_\_ Fail \_\_\_\_\_ Second attempt: Pass \_\_\_\_\_ Fail \_\_\_\_\_

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Examiner Signature \_\_\_\_\_ WAQTC #: \_\_\_\_\_

EMBANKMENT AND BASE  
IN-PLACE DENSITY

WAQTC

FOP AASHTO T 255/T 265 (16)

### PERFORMANCE EXAM CHECKLIST

#### MOISTURE-DENSITY RELATION OF SOILS FOP FOR AASHTO T 99

Participant Name \_\_\_\_\_ Exam Date \_\_\_\_\_

Record the symbols “P” for passing or “F” for failing on each step of the checklist.

Procedure Element	Trial 1	Trial 2
1. If damp, sample dried in air or drying apparatus, not exceeding 60°C (140°F)?	_____	_____
2. Sample broken up and an adequate amount sieved over the appropriate sieve (4.75 mm / No. 4 or 19.0 mm / 3/4 in.) to determine oversize (coarse particle) percentage?	_____	_____
3. Sample passing the sieve has appropriate mass?	_____	_____
4. If soil is plastic (clay types):		
a. Multiple samples mixed with water varying moisture content by 1 to 2 percent, bracketing the optimum moisture content?	_____	_____
b. Samples placed in covered containers and allowed to stand for at least 12 hours?	_____	_____
5. Sample determined to be 4 to 8 percent below expected optimum moisture content?	_____	_____
6. Mold placed on rigid and stable foundation?	_____	_____
7. Layer of soil (approximately one third compacted depth) placed in mold with collar attached, loose material lightly tamped?	_____	_____
8. Soil compacted with appropriate number of blows (25 or 56)?	_____	_____
9. Material adhering to the inside of the mold trimmed?	_____	_____
10. Layer of soil (approximately two thirds compacted depth) placed in mold with collar attached, loose material lightly tamped?	_____	_____
11. Soil compacted with appropriate number of blows (25 or 56)?	_____	_____
12. Material adhering to the inside of the mold trimmed?	_____	_____
13. Mold filled with soil such that compacted soil will be above the mold, loose material lightly tamped?	_____	_____
14. Soil compacted with appropriate number of blows (25 or 56)?	_____	_____
15. Collar removed without shearing off sample?	_____	_____

OVER

<b>Procedure Element</b>	<b>Trial 1</b>	<b>Trial 2</b>
16. Approximately 6 mm (1/4 in.) of compacted material above the top of the mold (without the collar)?	_____	_____
17. Soil trimmed to top of mold with the beveled side of the straightedge?	_____	_____
18. Mass of mold and contents determined to appropriate precision?	_____	_____
19. Wet density calculated from the wet mass?	_____	_____
20. Soil removed from mold using a sample extruder if needed?	_____	_____
21. Soil sliced vertically through center (non-granular material)?	_____	_____
22. Moisture sample removed ensuring all layers are represented?	_____	_____
23. Moist mass determined immediately to 0.1 g?	_____	_____
24. Moisture sample mass of correct size?	_____	_____
25. Sample dried and water content determined according to the FOP for T 255/T 265?	_____	_____
26. Remainder of material from mold broken up until it will pass through the sieve, as judged by eye, and added to remainder of original test sample?	_____	_____
27. Water added to increase moisture content of the remaining sample in 1 to 2 percent increments?	_____	_____
28. Steps 2 through 26 repeated for each increment of water added?	_____	_____
29. If material is degradable: Multiple samples mixed with water varying moisture content by 1 to 2 percent, bracketing the optimum moisture content?	_____	_____
30. Process continued until wet density either decreases or stabilizes?	_____	_____
31. Moisture content and dry density calculated for each sample?	_____	_____
32. Dry density plotted on vertical axis, moisture content plotted on horizontal axis, and points connected with a smooth curve?	_____	_____
33. Moisture content at peak of curve recorded as optimum water content and recorded to nearest 0.1 percent?	_____	_____
34. Dry density at optimum moisture content reported as maximum density to nearest 1 kg/m <sup>3</sup> (0.1 lb/ft <sup>3</sup> )?	_____	_____
35. Corrected for coarse particles if applicable?	_____	_____

Comments:      First attempt:    Pass \_\_\_\_\_ Fail \_\_\_\_\_      Second attempt:    Pass \_\_\_\_\_ Fail \_\_\_\_\_

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Examiner Signature \_\_\_\_\_ WAQTC #: \_\_\_\_\_

### PERFORMANCE EXAM CHECKLIST

#### MOISTURE-DENSITY RELATION OF SOILS FOP FOR AASHTO T 180

Participant Name \_\_\_\_\_ Exam Date \_\_\_\_\_

Record the symbols “P” for passing or “F” for failing on each step of the checklist.

Procedure Element	Trial 1	Trial 2
1. If damp, sample dried in air or drying apparatus, not exceeding 60°C (140°F)?	_____	_____
2. Sample broken up and an adequate amount sieved over the appropriate sieve (4.75 mm / No. 4 or 19.0 mm / 3/4 in.) to determine oversize (coarse particle) percentage?	_____	_____
3. Sample passing the sieve has appropriate mass?	_____	_____
4. If soil is plastic (clay types):		
a. Multiple samples mixed with water varying moisture content by 1 to 2 percent, bracketing the optimum moisture content?	_____	_____
b. Samples placed in covered containers and allowed to stand for at least 12 hours?	_____	_____
5. Sample determined to be 4 to 8 percent below expected optimum moisture content?	_____	_____
6. Mold placed on rigid and stable foundation?	_____	_____
7. Layer of soil (approximately one fifth compacted depth) placed in mold with collar attached, loose material lightly tamped?	_____	_____
8. Soil compacted with appropriate number of blows (25 or 56)?	_____	_____
9. Material adhering to the inside of the mold trimmed?	_____	_____
10. Layer of soil (approximately two fifths compacted depth) placed in mold with collar attached, loose material lightly tamped?	_____	_____
11. Soil compacted with appropriate number of blows (25 or 56)?	_____	_____
12. Material adhering to the inside of the mold trimmed?	_____	_____
13. Layer of soil (approximately three fifths compacted depth) placed in mold with collar attached, loose material lightly tamped?	_____	_____
14. Soil compacted with appropriate number of blows (25 or 56)?	_____	_____
15. Material adhering to the inside of the mold trimmed?	_____	_____

OVER

<b>Procedure Element</b>	<b>Trial 1</b>	<b>Trial 2</b>
16. Layer of soil (approximately four fifths compacted depth) placed in mold with collar attached, loose material lightly tamped?	_____	_____
17. Soil compacted with appropriate number of blows (25 or 56)?	_____	_____
18. Material adhering to the inside of the mold trimmed?	_____	_____
19. Mold filled with soil such that compacted soil will be above the mold, loose material lightly tamped?	_____	_____
20. Soil compacted with appropriate number of blows (25 or 56)?	_____	_____
21. Collar removed without shearing off sample?	_____	_____
22. Approximately 6 mm (1/4 in.) of compacted material above the top of the mold (without the collar)?	_____	_____
23. Soil trimmed to top of mold with the beveled side of the straightedge?	_____	_____
24. Mass of mold and contents determined to appropriate precision?	_____	_____
25. Wet density calculated from the wet mass?	_____	_____
26. Soil removed from mold using a sample extruder if needed?	_____	_____
27. Soil sliced vertically through center (non-granular material)?	_____	_____
28. Moisture sample removed ensuring all layers are represented?	_____	_____
29. Moist mass determined immediately to 0.1 g?	_____	_____
30. Moisture sample mass of correct size?	_____	_____
31. Sample dried and water content determined according to the FOP for T 255/T 265?	_____	_____
32. Remainder of material from mold broken up until it will pass through the sieve, as judged by eye, and added to remainder of original test sample?	_____	_____
33. Water added to increase moisture content of the remaining sample in 1 to 2 percent increments?	_____	_____
34. Steps 2 through 20 repeated for each increment of water added?	_____	_____
35. If soil is plastic (clay types):		
a. Samples mixed with water varying moisture content by 1 to 2 percent, bracketing the optimum moisture content?	_____	_____
b. Samples placed in covered containers and allowed to stand for at least 12 hours?	_____	_____
36. If material is degradable:		
Multiple samples mixed with water varying moisture content by 1 to 2 percent, bracketing the optimum moisture content?	_____	_____

**OVER**

Procedure Element	Trial 1	Trial 2
37. Process continued until wet density either decreases or stabilizes?	_____	_____
38. Moisture content and dry density calculated for each sample?	_____	_____
39. Dry density plotted on vertical axis, moisture content plotted on horizontal axis, and points connected with a smooth curve?	_____	_____
40. Moisture content at peak of curve recorded as optimum water content and recorded to nearest 0.1 percent?	_____	_____
41. Dry density at optimum moisture content reported as maximum density to nearest 1 kg/m <sup>3</sup> (0.1 lb/ft <sup>3</sup> )?	_____	_____
42. Corrected for coarse particles if applicable?	_____	_____

Comments: First attempt: Pass \_\_\_\_\_ Fail \_\_\_\_\_ Second attempt: Pass \_\_\_\_\_ Fail \_\_\_\_\_

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Examiner Signature \_\_\_\_\_ WAQTC #: \_\_\_\_\_

EMBANKMENT AND BASE  
IN-PLACE DENSITY

WAQTC

FOP AASHTO T 99/T 180 (15)



**PERFORMANCE EXAM CHECKLIST**

**DEVELOPING A FAMILY OF CURVES  
FOP FOR AASHTO R 75**

Participant Name \_\_\_\_\_ Exam Date \_\_\_\_\_

Record the symbols "P" for passing or "F" for failing on each step of the checklist.

Procedure Element	Trial 1	Trial 2
1. Curves sorted by method and procedure (A, B, C, or D of the FOP for T 99/T 180)?	_____	_____
a. At least three curves per family?	_____	_____
2. Maximum density and optimum moisture points plotted on the graph?	_____	_____
3. Spine drawn correctly?	_____	_____
4. Maximum density and optimum moisture points removed that were not used for the spine?	_____	_____
5. Moisture/density curves added?	_____	_____
6. Optimum moisture range?	_____	_____
a. 80 percent of optimum moisture calculated for each curve?	_____	_____
b. Curved line through 80 percent of optimum moisture drawn correctly?	_____	_____

Comments:      First attempt: Pass\_\_\_\_Fail\_\_\_\_      Second attempt: Pass\_\_\_\_Fail\_\_\_\_

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Examiner Signature \_\_\_\_\_ WAQTC #: \_\_\_\_\_



### PERFORMANCE EXAM CHECKLIST

#### ONE-POINT METHOD FOP FOR AASHTO T 272 (T 99)

Participant Name \_\_\_\_\_ Exam Date \_\_\_\_\_

Record the symbols “P” for passing or “F” for failing on each step of the checklist.

Procedure Element	Trial 1	Trial 2
1. One-point determination of dry density and corresponding moisture content made in accordance with the FOP for AASHTO T 99?	_____	_____
a. Correct size (4.75 mm / No. 4 or 19.0 mm / 3/4 in.) material used?	_____	_____
2. If necessary, sample dried until friable in air or drying apparatus, not exceeding 60°C (140°F)?	_____	_____
3. Sample broken up and an adequate amount sieved over the appropriate sieve (4.75 mm / No. 4 or 19.0 mm / 3/4 in.) to determine oversize (coarse particle) percentage?	_____	_____
4. Sample passing the sieve has appropriate mass?	_____	_____
5. Layer of soil (approximately one third compacted depth) placed in mold with collar attached, loose material lightly tamped?	_____	_____
6. Soil compacted with appropriate number of blows (25 or 56)?	_____	_____
7. Material adhering to the inside of the mold trimmed?	_____	_____
8. Layer of soil (approximately two thirds compacted depth) placed in mold with collar attached, loose material lightly tamped?	_____	_____
9. Soil compacted with appropriate number of blows (25 or 56)?	_____	_____
10. Material adhering to the inside of the mold trimmed?	_____	_____
11. Mold filled with soil such that compacted soil will be above the mold, loose material lightly tamped?	_____	_____
12. Soil compacted with appropriate number of blows (25 or 56)?	_____	_____
13. Collar removed without shearing off sample?	_____	_____
14. Approximately 6 mm (1/4 in.) of compacted material above the top of the mold (without the collar)?	_____	_____
15. Soil trimmed to top of mold with the beveled side of the straightedge?	_____	_____
16. Mass of mold and contents determined to appropriate precision?	_____	_____
17. Wet density calculated from the wet mass?	_____	_____
18. Soil removed from mold using a sample extruder if needed?	_____	_____
19. Soil sliced vertically through center (non-granular material)?	_____	_____
20. Moisture sample removed ensuring all layers are represented?	_____	_____

OVER

Procedure Element	Trial 1	Trial 2
21. Moist mass determined immediately to 0.1 g?	_____	_____
22. Moisture sample mass of correct size?	_____	_____
23. Sample dried and water content determined according to the FOP for T 255/T 265?	_____	_____
24. One-point plotted on family of curves supplied?	_____	_____
25. One-point falls within 80 to 100 percent of optimum moisture content in order to be valid?	_____	_____
26. If one-point does not fall within 80 to 100 percent of optimum moisture content, another one-point determination with an adjusted water content is made?	_____	_____
27. Maximum dry density and corresponding optimum moisture content correctly estimated?	_____	_____

Comments: First attempt: Pass\_\_\_\_\_Fail\_\_\_\_\_ Second attempt: Pass\_\_\_\_\_Fail\_\_\_\_\_

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Examiner Signature \_\_\_\_\_ WAQTC #: \_\_\_\_\_

### PERFORMANCE EXAM CHECKLIST

#### ONE-POINT METHOD FOP FOR AASHTO T 272 (T 180)

Participant Name \_\_\_\_\_ Exam Date \_\_\_\_\_

Record the symbols "P" for passing or "F" for failing on each step of the checklist.

Procedure Element	Trial 1	Trial 2
1. One-point determination of dry density and corresponding moisture content made in accordance with the FOP for AASHTO T 180?	_____	_____
a. Correct size (4.75 mm / No. 4 or 19.0 mm / 3/4 in.) material used?	_____	_____
2. If necessary, sample dried until friable in air or drying apparatus, not exceeding 60°C (140°F)?	_____	_____
3. Sample broken up and an adequate amount sieved over the appropriate sieve (4.75 mm / No. 4 or 19.0 mm / 3/4 in.) to determine oversize (coarse particle) percentage?	_____	_____
4. Sample passing the sieve has appropriate mass?	_____	_____
5. Mold placed on rigid and stable foundation?	_____	_____
6. Layer of soil (approximately one fifth compacted depth) placed in mold with collar attached, loose material lightly tamped?	_____	_____
7. Soil compacted with appropriate number of blows (25 or 56)?	_____	_____
8. Material adhering to the inside of the mold trimmed?	_____	_____
9. Layer of soil (approximately two fifths compacted depth) placed in mold with collar attached, loose material lightly tamped?	_____	_____
10. Soil compacted with appropriate number of blows (25 or 56)?	_____	_____
12. Material adhering to the inside of the mold trimmed?	_____	_____
13. Layer of soil (approximately three fifths compacted depth) placed in mold with collar attached, loose material lightly tamped?	_____	_____
14. Soil compacted with appropriate number of blows (25 or 56)?	_____	_____
15. Material adhering to the inside of the mold trimmed?	_____	_____
16. Layer of soil (approximately four fifths compacted depth) placed in mold with collar attached, loose material lightly tamped?	_____	_____
17. Soil compacted with appropriate number of blows (25 or 56)?	_____	_____
18. Material adhering to the inside of the mold trimmed?	_____	_____

OVER

Procedure Element	Trial 1	Trial 2
19. Mold filled with soil such that compacted soil will be above the mold, loose material lightly tamped?	_____	_____
20. Soil compacted with appropriate number of blows (25 or 56)?	_____	_____
21. Collar removed without shearing off sample?	_____	_____
22. Approximately 6 mm (1/4 in.) of compacted material above the top of the mold (without the collar)?	_____	_____
23. Soil trimmed to top of mold with the beveled side of the straightedge?	_____	_____
26. Mass of mold and contents determined to appropriate precision?	_____	_____
27. Wet density calculated from the wet mass?	_____	_____
28. Soil removed from mold using a sample extruder if needed?	_____	_____
29. Soil sliced vertically through center (non-granular material)?	_____	_____
30. Moisture sample removed ensuring all layers are represented?	_____	_____
31. Moist mass determined immediately to 0.1 g?	_____	_____
32. Moisture sample mass of correct size?	_____	_____
33. Sample dried and water content determined according to the FOP for T 255/T 265?	_____	_____
34. One-point plotted on family of curves supplied?	_____	_____
35. One-point falls within 80 to 100 percent of optimum moisture content in order to be valid?	_____	_____
36. If one-point does not fall within 80 to 100 percent of optimum moisture content, another one-point determination with an adjusted water content is made?	_____	_____
37. Maximum dry density and corresponding optimum moisture content correctly estimated?	_____	_____

Comments: First attempt: Pass\_\_\_\_\_Fail\_\_\_\_\_ Second attempt: Pass\_\_\_\_\_Fail\_\_\_\_\_

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Examiner Signature \_\_\_\_\_ WAQTC #: \_\_\_\_\_

**PERFORMANCE EXAM CHECKLIST**

**SPECIFIC GRAVITY AND ABSORPTION OF COARSE AGGREGATE  
FOP FOR AASHTO T 85**

Participant Name \_\_\_\_\_ Exam Date \_\_\_\_\_

**Record the symbols “P” for passing or “F” for failing on each step of the checklist.**

<b>Procedure Element</b>	<b>Trial 1</b>	<b>Trial 2</b>
1. Sample obtained by FOP for AASHTO T 2 and reduced by FOP for AASHTO R 76 or from FOP for AASHTO T 99 / T 180?	_____	_____
2. Screened on the appropriate size sieve?	_____	_____
3. Sample mass appropriate?	_____	_____
4. Particle surfaces clean?	_____	_____
5. Dried to constant mass $110 \pm 5^{\circ}\text{C}$ ( $230 \pm 9^{\circ}\text{F}$ ) and cooled to room temperature?	_____	_____
6. Re-screen over appropriate sieve?	_____	_____
7. Covered with water for 15 to 19 hours?	_____	_____
8. Basket placed into immersion tank and attached to balance?	_____	_____
9. Immersion tank inspected for proper water height?	_____	_____
10. Balance tared with basket in tank and temperature checked $23.0 \pm 1.7^{\circ}\text{C}$ ( $73.4 \pm 3^{\circ}\text{F}$ )?	_____	_____
11. Sample removed from water and rolled in cloth to remove visible films of water?	_____	_____
12. Larger particles wiped individually?	_____	_____
13. Evaporation avoided?	_____	_____
14. Sample mass determined to 0.1 g?	_____	_____
15. Sample immediately placed in basket, in immersion tank?	_____	_____
16. Entrapped air removed before weighing by shaking basket while immersed?	_____	_____
17. Immersion tank inspected for proper water height?	_____	_____
18. Immersed sample weight determined to 0.1 g?	_____	_____
19. All the sample removed from basket?	_____	_____
20. Sample dried to constant mass and cooled to room temperature?	_____	_____

**OVER**

**Procedure Element**

**Trial 1 Trial 2**

21. Sample mass determined to 0.1 g?

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22. Proper formulas used in calculations?

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Comments: First attempt: Pass\_\_\_\_\_Fail\_\_\_\_\_ Second attempt: Pass\_\_\_\_\_Fail\_\_\_\_\_

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Examiner Signature \_\_\_\_\_ WAQTC #: \_\_\_\_\_



**PERFORMANCE EXAM CHECKLIST**

**IN-PLACE DENSITY AND MOISTURE CONTENT OF SOIL AND SOIL-AGGREGATE BY NUCLEAR METHODS (SHALLOW DEPTH)  
FOP FOR AASHTO T 310**

Participant Name \_\_\_\_\_ Exam Date \_\_\_\_\_

Record the symbols “P” for passing or “F” for failing on each step of the checklist.

Procedure Element	Trial 1	Trial 2
1. Gauge turned on 10 to 20 minutes before use?	_____	_____
2. Calibration verified?	_____	_____
3. Standard count taken and recorded in accordance with manufacturer’s instructions?	_____	_____
4. Test location selected appropriately 10 m (30 ft.) from other radioactive sources, 3 m (10 ft.) from large objects, 150 mm (6 in.) away from vertical projections?	_____	_____
5. Loose, disturbed material removed?	_____	_____
6. Flat, smooth area prepared?	_____	_____
7. Surface voids filled with native fines (-No. 4) to 3 mm (1/8 in.) maximum thickness?	_____	_____
8. Hole driven 50 mm (2 in.) deeper than probe depth?	_____	_____
9. Gauge placed, probe placed, and source rod lowered without disturbing loose material?	_____	_____
10. Method A:		
a. Gauge firmly seated, and gently pulled back so that the source rod is against the side of the hole toward the scaler / detectors?	_____	_____
b. Two, one-minute reading taken; wet density within 32 kg/m <sup>3</sup> (2.0 lb/ft <sup>3</sup> )?	_____	_____
c. Density and moisture data averaged?	_____	_____
11. Method B:		
a. Gauge firmly seated, and gently pulled back so that the source rod is against the side of the hole toward the scaler / detectors?	_____	_____
b. A minimum of a one-minute reading taken; density and moisture data recorded?	_____	_____
c. Gauge turned 90° or 180° (180° in trench)?	_____	_____

**OVER**

Procedure Element	Trial 1	Trial 2
d. Gauge firmly seated, and gently pulled back so that the source rod is against the side of the hole toward the scaler / detectors?	_____	_____
e. A minimum of a one-minute reading taken; density and moisture data recorded?	_____	_____
f. Wet densities within 50 kg/m <sup>3</sup> (3.0 lb/ft <sup>3</sup> )?	_____	_____
g. Density and moisture data averaged?	_____	_____
12. Representative sample (4 kg or 9 lb) obtained from test location?	_____	_____
13. Sample sealed immediately to prevent moisture loss?	_____	_____
14. Moisture content correctly determined using other means than the nuclear density gauge reading?	_____	_____
15. Dry Density calculated using proper moisture content?	_____	_____
16. Percent compaction calculated correctly?	_____	_____

Comments: First attempt: Pass \_\_\_\_\_ Fail \_\_\_\_\_ Second attempt: Pass \_\_\_\_\_ Fail \_\_\_\_\_

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Examiner Signature \_\_\_\_\_ WAQTC #: \_\_\_\_\_

**PERFORMANCE EXAM CHECKLIST**

**IN-PLACE DENSITY OF ASPHALT MIXTURES BY NUCLEAR METHOD  
FOP FOR AASHTO T 355**

Participant Name \_\_\_\_\_ Exam Date \_\_\_\_\_

Record the symbols "P" for passing or "F" for failing on each step of the checklist.

<b>Procedure Element</b>	<b>Trial 1</b>	<b>Trial 2</b>
1. Gauge turned on approximately 10 to 20 minutes before use?	_____	_____
2. Gauge calibrated and standard count recorded?	_____	_____
3. Test location selected appropriately [600 mm (24 in.) from vertical projections or 10 m (30 ft.) from any other radioactive sources]?	_____	_____
4. Procedure:		
a. Filler spread evenly over test site?	_____	_____
b. Excess filler material removed by striking off the surface?	_____	_____
c. Gauge placed on pavement surface and footprint of gauge marked?	_____	_____
d. Probe extended to backscatter position?	_____	_____
e. One-minute count taken; gauge rotated 90°, reseated, and another one-minute count taken?	_____	_____
f. Densities averaged?	_____	_____
g. If difference of the wet densities is greater than 40 kg/m <sup>3</sup> (2.5 lb/ft <sup>3</sup> ), retest conducted in both directions?	_____	_____
5. Core correlation applied if required?	_____	_____
6. Percent compaction calculated correctly?	_____	_____

Comments:      First attempt: Pass\_\_\_\_Fail\_\_\_\_      Second attempt: Pass\_\_\_\_Fail\_\_\_\_

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