

AASHTO - PERFORMANCE EXAM CHECKLIST

Applicant: _____

Date: _____

AASHTO T 304-22 – Uncompacted Void Content of Fine Aggregate

		First Test	Retest
		Yes/No	Yes/No
Sect.	<u>Calibration of Cylindrical Measure</u>		
8.1-8.2	1. Apply a light coat of grease to the top edge of the dry, empty measure. Weigh the measure, grease and glass plate to the nearest 0.1 g (Sect. 6.7). Fill the measure with freshly boiled, deionized water at a temperature of 18° to 24°C. Record the temperature of the water. Place glass plate on measure, being sure no air bubbles remain. Dry the outer surface and determine the mass to the nearest 0.1 g. Determine the volume to the nearest 0.1 mL.	_____	_____
	<u>Sample Preparation Method A</u>		
7.1	2. The sample is washed over a #100 or #200 sieve in accordance with T 11 and then dried and sieved according to T27.	_____	_____
9.1	3. Weigh out and combine the quantities according to the table in 9.1.	_____	_____
10.1	4. <u>Procedure:</u> Mix each test sample with the spatula until it appears homogeneous. Use a finger to block the opening of the funnel. Pour the test sample into the funnel. Level the material in the funnel with the spatula. Remove the finger and allow the sample to fall freely into the cylindrical measure.	_____	_____
10.2	5. Strike off excess from the cylindrical measure by a rapid single pass of the spatula with the width of the blade vertical, keeping the straight part of its edge horizontal and in light contact with the top of the measure. Until this operation is complete, exercise care to avoid vibration or any disturbance that could cause compaction of the fine aggregate. Brush the outside of the container and determine the mass to the nearest 0.1g. Note: After strike off, the cylindrical measure may be tapped lightly to make it easier to weigh without spilling.	_____	_____
10.3	6. Recombine the sample from the retaining pan and cylindrical measure and repeat the procedure. The results of the two runs are averaged (note to assessor the calculations are averaged not the weights).	_____	_____

SCORE:

PASS

FAIL

FAIL

Examiner: _____

Examiner Initials:

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