

Performance Exam Checklist

AASHTO T 288 Checklist

Determining Minimum Laboratory Soil Resistivity

Participant Name: _____ Exam Date: _____

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

Procedure Element

Laboratory method of Determining Minimum Resistivity

	Trial 1	Trial 2
1. Sample dried at 140 F, and screened through # 10 sieve?	_____	_____
2. Quartered or split out 1500 grams of passing #10 material?	_____	_____
3. 150 ml of distilled water added to the 1500 gram and thoroughly mixed?	_____	_____
4. Sample covered with a wet cloth and allow to stabilize or cure for 12 hours?	_____	_____
5. Sample placed & compacted in soil box in layers and the excess trimmed off with a straightedge?	_____	_____
6. Resistivity measured with the instrument?	_____	_____
7. Soil removed and retained from box and 100 ml of distilled water added and thoroughly mixed?	_____	_____
8. Soil box cleaned with distilled water?	_____	_____
9. Repeat procedure by increasing moisture content by 100 ml until minimum resistivity can be established?	_____	_____
10. Record the lowest value during the repeated measurements?	_____	_____
11. Report the resistivity reading.	_____	_____

Comments: First Attempt: Pass _____ Fail _____ Second Attempt: Pass _____ Fail _____

Examiner Signature: _____ WAQTC #: _____

