

Performance Exam Checklist

Determining Minimum Laboratory Soil Resistivity AASHTO T 288 Checklist

Participant Name _____ Exam Date _____

Procedure Element

Laboratory method of Determining Minimum Resistivity

	Yes	No
1. Sample dried at 140 F, and screened through # 10 sieve?	<input type="checkbox"/>	<input type="checkbox"/>
2. Quartered or split out 1500 grams of passing #10 material?	<input type="checkbox"/>	<input type="checkbox"/>
3. 150 ml of distilled water added to the 1500 gram and thoroughly mixed?	<input type="checkbox"/>	<input type="checkbox"/>
4. Sample covered with a wet cloth and allow to stabilize or cure for 12 hours?	<input type="checkbox"/>	<input type="checkbox"/>
5. Sample placed & compacted in soil box in layers and the excess trimmed off with a straightedge?	<input type="checkbox"/>	<input type="checkbox"/>
6. Resistivity measured with the instrument?	<input type="checkbox"/>	<input type="checkbox"/>
7. Soil removed and retained from box and 100 ml of distilled water added and thoroughly mixed?	<input type="checkbox"/>	<input type="checkbox"/>
8. Soil box cleaned with distilled water?	<input type="checkbox"/>	<input type="checkbox"/>
9. Repeat procedure by increasing moisture content by 100 ml until minimum resistivity can be established?	<input type="checkbox"/>	<input type="checkbox"/>
10. Record the lowest value during the repeated measurements?	<input type="checkbox"/>	<input type="checkbox"/>
11. Report the resistivity reading.	<input type="checkbox"/>	<input type="checkbox"/>

First attempt: Pass Fail

Second attempt: Pass Fail

Signature of Examiner _____

Comments:

