

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?
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.

First Attempt: Pass Fail

Second Attempt: Pass Fail

Signature of Examiner _____

Comments:

