

AAPA National Proficiency Testing Round 2019/20

Instruction sheet for test stream 5: Wheel Tracking

Description:

Laboratories have registered for the Wheel Tracking Test stream of the AAPA 2019/20 Proficiency Testing Round. Samples of loose mix will be sent to the participating laboratories for preparation of wheel tracking slabs.

Test method: **AGPT/T231**

Where the laboratory does not hold NATA accreditation for this Austroads method, results for an equivalent local test method may be reported, but please note that the proficiency z-score analysis will not be valid for such results.

To report the results, access the webform by clicking:

<http://www.123formbuilder.com/form-5246308/s5-wheel-tracking-tests>

Please note that you will need the **Laboratory ID Code**, which has been sent to you via e-mail to complete the webform.

Submit results by 30 June 2020

Procedure:

Loose asphalt mix samples will be sent to laboratories in containers. Each container has a unique sample number. Two containers are provided to prepare two Wheel Tracking slabs. The loose mix is a sample of AC14 with C320 binder.

Sample preparation:

- Method: AGPT/T220
- Target compacted sample thickness: 50 mm

Reheating:

- Compaction Temperature – 150+/- 3deg
- Place in the oven for 1hr +/- 5 min (Ensure the oven temperature allows temperature to be within range) and then compact samples

Sample numbering:

- Number the slabs S1, and S2.

Reporting:

Use webform to report:

- Date of compaction of the specimen
- Date of wheel tracking test
- Maximum density value
- Slab thickness
- Bulk density of slabs
- Temperature of dummy specimen at start and end of test
- Number of load passes for each replicate
- Final tracking depth at completion of the test
- Average steady state tracking rate (optional)
- Central steady state tracking rate (optional)