

Binder Ignition T308
PROFICIENCY EXAMINATION
2024 - 2025

APPLICANT'S NAME _____

EMPLOYER _____

AASHTO T 308: Asphalt Content by Ignition; Method A

Tester: _____

	Trial#	1	2	R
Pre-Production Oven Parameters Checklist: (Demonstrate oven setup)				
Input required parameters for routine production of a particular mix:				
1. Enter TEMP setpoint [chamber temperature]				
2. Enter CALIB. FACTOR [binder (aggregate) correction factor]				
Routine Production Ignition Oven Procedure: (Demonstrate test procedure with proctor instruction)				
3. Obtain weight of empty basket assembly				
4. Place ~½ of hotmix sample in each basket; move mix ~¾" away from sides; re-assemble basket. Cool to room temperature.				
5. Obtain total weight of sample plus basket then calculate initial weight of hotmix sample				
6. Enter initial sample WEIGHT				
7. Zero oven scale (push the number 0)				
8. After putting on safety gloves, face shield, etc., carefully load sample into oven, making sure basket is not touching walls; close door				
9. Check total weight: oven vs. exterior scale: No good if > 5 grams difference: Is it?				
10. Initiates burn-off program by pressing START/STOP				
11. After burn-off stops, remove and examine paper readout				
12. Again, with safety gear on, open oven door, remove basket & place on cooling rack. Cool to room temperature.				
13. Determine and record basket + specimen weight, then calculate and record final specimen weight (for manual calculations and/or verification of %AC).				
14. Obtain Calibrated %AC through calculations (NOTE: in the field, this value will automatically be on the printout tape)				
15. Correct the Calibrated %AC for moisture				
	PASS?			
	FAIL?			

Proctor _____ Date _____

Reviewer _____ Date _____