Washington State Department of Transportation

Asphalt Mixtures Testing "Ignition Furnace Worksheet"

Contract Number:	Class Mix:	Mix ID Number:
Lab ID Number:	Sample ID Number:	Acceptance Number:
Sample Date:	Sampled By:	JMF Pb:
JMF Mixing Temp:	Source:	

Moisture Content of Asphalt Mixtures (T 329)

Initial Time:		90 ± 5 Minutes	30 ± 5 Minutes	30 ± 5 Mins (if needed)	Final
Temperature:					
Total Mass:					
Sample Container:					
Sample Mass:					
Constant Mass Achieved: ☐ Yes / ☐ No			**Moisture Content =**		

Asphalt Binder Content of Asphalt Mixtures (T 308 Method A)

Furnace #:		Calibration Factor:	
Mass of Basket Assembly:		Asphalt Binder Content (Printed Ticket):	
Mass of Sample and Basket Assembly:		**Corrected Asphalt Binder Content =**	
Initial Mass of Sample:		Total After Ignition Mass (room temp.):	
Furnace Displayed Mass:		After Ignition Mass - Basket Assembly **(M_f)**:	

Mechanical Analysis of Extracted Aggregate (T 30)

Aggregate Mass from T 308 **($M_{(T30)}$)** =	Mass Verification Achieved: ☐ Yes / ☐ No
Washed Sample Dried to a Constant Mass: ☐ Yes / ☐ No	Dry Sample Mass After Washing =

Sieve Size	Cumulative Mass Retained	Percent Retained	Percent Passing	**Reported Percent Passing**
1 1/2"				
1"				
3/4"				
1/2"				
3/8"				
No. 4				
No. 8				
No. 16				
No. 30				
No. 50				
No. 100				
No. 200				
PAN		Check Sum Achieved: ☐ Yes / ☐ No		

Certified Tester:	Date: