

**FIELD DETERMINATION OF  
TARGET DENSITY FOR ASPHALT**



Unique ID:

Status:

Date:

Project No:

File No:

Road No:

Road Info:

Contractor:

Inspector:

Operator:

Offset:  Distance:

Station No:  to

Type Mix:

Thickness:

Lift:

Standard Count:

Control Strip No:

SCDOT Gauge No:

Density									
			Site 1		Site 2		Site 3		
Roller	Mode	Passes	Density	Temp	Density	Temp	Density	Temp	Average Density

**Twelve Random Readings**

- |                         |                         |                          |
|-------------------------|-------------------------|--------------------------|
| 1. <input type="text"/> | 5. <input type="text"/> | 9. <input type="text"/>  |
| 2. <input type="text"/> | 6. <input type="text"/> | 10. <input type="text"/> |
| 3. <input type="text"/> | 7. <input type="text"/> | 11. <input type="text"/> |
| 4. <input type="text"/> | 8. <input type="text"/> | 12. <input type="text"/> |

Note: Omit highest and lowest reading when calculating Target Density

Established Target Density:

Roller Pattern:

Remarks:

Contractor Rep:

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

## FIELD DETERMINATION OF TARGET DENSITY FOR ASPHALT

### INSTRUCTIONS FOR FORM USE

#### *Form Flow*

- Completed By: Contractor
- Required Signature: Contractor
- Distribution: Lab

#### *Instructions for Completing Form*

- Select the date.
- Verify the file number.
- Verify the project number.
- Verify the road number.
- Fill in any additional road information
- Select the name of the Prime Contractor
- Select the name of the Inspector.
- Select the name of the Operator.
- Select the offset.
- Fill in the distance.
- Fill in the station numbers
- Fill in type of asphalt mix being used.
- Fill in the thickness.
- Fill in the lift.
- Fill in the standard count.
- Fill in the control strip number.
- Fill in the SCDOT Gauge number.
- Select a roller type.
- Select a mode.
- Fill in the number of passes.
- Fill in the density of site 1.
- Fill in the temperature of site 1.
- Fill in the density of site 2.
- Fill in the temperature of site 2.
- Fill in the density of site 3.
- Fill in the temperature of site 3.
- Verify the average density ( $[\text{Density (Site 1)} + \text{Density (Site 2)} + \text{Density (Site 3)}] / \text{number of sites entered}$  ).
- Fill in the twelve random readings.
- Verify the established target density (**Remove the highest and lowest reading. Then average the remaining 10 readings** ).
- Fill in the roller pattern.
- Fill in any remarks.
- Select the contractor's representative name and obtain signature.