

**MOISTURE CONTENT WORKSHEET**

12/94

(DOTD Designation TR 403)

Project No: \_\_\_\_\_  
 Project No: \_\_\_\_\_  
 Project No: \_\_\_\_\_

Plant Code: \_\_\_\_\_  
 Lot No: \_\_\_\_\_

Tested By: \_\_\_\_\_  
 Checked By: \_\_\_\_\_  
 Date: \_\_\_\_\_

Material	No. 1	No. 2	No. 3	Additive/ Lime	Cement
Test No. ____					
Wt. of Material + Container (A)					
Tare Wt. of Container (B)					
Wet Wt. of Material (TWW) = (A - B)					
Wet Wt. Sample & Pan (a)					
Dry Wt. Sample & Pan (b)					
Wt. of Water (w) = (a - b)					
Pan Wt. (c)					
Dry Wt. Sample (d) = (b - c)					
% Moisture (MC) = $(\frac{w \times 100}{d})$					
Dry Wt. of Material (TDW) = $(\frac{TWW \times 100}{100 + MC})$ ----->					
(TDW) = (A - B) ----->					
Test No. ____					
Wt. of Material + Container (A)					
Tare Wt. of Container (B)					
Wet Wt. of Material (TWW) = (A - B)					
Wet Wt. Sample & Pan (a)					
Dry Wt. Sample & Pan (b)					
Wt. of Water (w) = (a - b)					
Pan Wt. (c)					
Dry Wt. Sample (d) = (b - c)					
% Moisture (MC) = $(\frac{w \times 100}{d})$					
Dry Wt. of Material (TDW) = $(\frac{TWW \times 100}{100 + MC})$ ----->					
(TDW) = (A - B) ----->					

**Composite Material Moisture Content (TR 403)**

Test No.	1	2	3	4	5	6
Wet Wt Sample						
Dry Wt Sample						
Wt Water						
% Moisture						
Opt. Moisture						

**Pulverization (TR 431)**

Test No.		1	2	3	4
Adjusted Wet Wt. Sample (A)					
Wt of + 19 mm (3/4") Material (B <sub>1</sub> )					
Wt of + 4.75 mm (No. 4) Material (B <sub>2</sub> )					
% Pulverization 19 mm (3/4") (P <sub>1</sub> )	$100 \times \frac{(A - B_1)}{A}$				
% Pulverization 4.75 mm (No. 4) (P <sub>2</sub> )	$100 \times \frac{A - (B_1 + B_2)}{A}$				

**DOTD Acceptance for % Payment - Cement**

Test No.	Represents			% Payment Cement
_____	Load No. _____	Thru	Load No. _____	_____
_____	Load No. _____	Thru	Load No. _____	_____
_____	Load No. _____	Thru	Load No. _____	_____
_____	Load No. _____	Thru	Load No. _____	_____

\_\_\_\_\_  
**Certified Soil and Base Course Technician**

\_\_\_\_\_  
**DOTD Inspector**

\_\_\_\_\_  
**Project Engineer**