

**DPWH MINIMUM TESTING REQUIREMENTS
MINIMUM REQUIREMENTS FOR THE SUBMISSION OF SAMPLES**

MATERIALS	MINIMUM TESTING REQUIREMENTS	MINIMUM QUANTITY/ VOLUME OF MATERIALS FOR EACH SAMPLE SUBMITTED
1. Cement	1 Sample per 2000 bags	10 kg
2. Asphalt Materials	1 (s) per 40 Tonnes or 200 drums	5 L
3. Asphalt Mix	1 (s) per 130 Tonnes	20 kg (Complete)
4. Aggregates	1 (s) per 1500 cu. m.	
a. Coarse Aggregate		70 kg
b. Fine Aggregate		50 kg
5. Soil Aggregate	1 (s) per 1500 cu.m.	
a. Classification		20 kg
b. Routinary Tests		50 kg
c. Moisture Density Relation and CBR		50 kg
6. Non-Reinforced Concrete Pipe	2 Pipes min./0.5% of no. of pipes	2 pipes
7. Reinforced Concrete Pipe	1 (s)/50 pipes or 2% of no. of pipes	1 pipe (1 m length)
8. Steel Pipe (Galvanized)	1 (s) per 500 length	2 pieces of 100 mm long taken from both ends w/o thread
9. Concrete Hollow Blocks (Complete)	1 (s) per 20000 units	6 units
a. Strength		3 units
b. Moisture Content		3 units
10. Steel Bars	1 (s) per 10000 kg of 10 tonnes	1 meter
11. Steel Sheet (Galvanized)	1 (s) per 1000 sheets	1 meter
12. Wire-Strand Strap		2 meters
13. Gabion		1m x 2m
14. Paints	1 (s) per 100 cans	1 (4L cans) 1 (20L cans)
15. Joint Filler (Pre- mold)		1 (400mm x 400mm)
16. Curing Compound		1 Liter
17. Concrete Cylinder	1 set of 3 cylinders for @ 75 cu.m.	1 set of 3 cylinders (6"x12")
18. Concrete Beam	1 set of 3 beams for 75 cu.m. or 1 day pouring	1 set of 3 beams (6"x6"x21")
19. Concrete Core	6 cores for every kilometer	
20. Asphalt Cores	1 core for every 100 meters	
21. Water Analysis		
a. Chemical Analysis		500 mL
b. Sediment Load		500 mL
22. Structural Steel/Sheet	1 (s) per 50 tonnes	Reduced Section (as prescribed)