



REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS OFFICE OF THE SECRETARY MANILA

01 February 1996

DEPARTMENT ORDER)	
NO 8	
Series of 1996	
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	SUBJECT: Amendments to Department Order
	No. 80, Series of 1990

Recognizing the financial constraints of small and medium contractors relative to the procurement of the required minimum testing equipment as called for in Department Order No. 80, series of 1990, and pursuant to Department Memorandum Circular No. 136, series of 1995, relative to its full and outright implementation, the required minimum materials testing equipment for small and medium contractors as presented in Annexes 1 and 2 of the said Department Order No. 80 is hereby amended for your guidance and compliance. The amendments include the list of identical minimum testing equipment requirements that must be owned by small and medium contractors and the list of equipment that said contractors may opt to own or lease (Annex 1). Where said contractors opt to lease such equipment, the corresponding lease contracts must be submitted as supporting documents in the evaluation of their technical capability.

Except for the above amendments, the other provisions of said Department Order No. 80, series of 1990, shall be strictly followed.

Further, in order to give small and medium contractors who have not yet complied with the said Department Order an extended time to procure the said testing equipment, it is hereby directed that the implementation of Department Order No. 80, series of 1990, be deferred for another two (2) months. During this period, said contractors can avail themselves of the services of the Department's testing laboratories or any private testing laboratories accredited by the DPWH in testing of construction materials, provided the testing is witnessed by authorized representatives of the concerned implementing office.

This order takes effect immediately.

VIGILAR Secretary

DEPARTMENT ORDER NO. 8

ANNEX I

MINIMUM MATERIALS TESTING EQUIPMENT FOR SMALL AND MEDIUM CONTRACTORS

ITEM NO. QUANTITY DESCRIPTION					
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	A. MINIMU			T THAT MUST BE OWNED BY	
		SMALL I	AND MEDIUM CONTRA	Crors	
	SOIL &				
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	6.	1		ing 75 mm (3")	
!	2.	1 pc.	-ditto-		
1	3.	1 pc.	-ditto-	50 mm (2")	
1	4.	1 pc.	-ditto-	37.5 mm (1 1/2")	
1	5.	1 pc.	-ditto-	25.0 mm (1")	
1	6.	l pc.	-ditto-	19.0 mm (3/4")	
1	7. 8.	l pc	-ditto-	12.5 mm (1/2")	
1	9.	1 pc.	-ditto- -ditto-	9.5 mm (3/8")	
1	10.	1 pc. 1 pc.	-ditto-	4.75 mm (No. 4)	
1	11.	1 pc.	-ditto-	2.36 mm (No. 8) 2.00 mm (No. 10)	
1	12.	I pe.	-ditto-	1.18 mm (No. 16)	
	13.	1 pc.	-ditto-		
	14.	1 po.	-ditto-	0.425 mm (No. 40)	
1	15.	i i pe.	-ditto-		
	16.	1 pc		0.150 mm (No. 100)	
1	17.	1 pc	-ditto-	0.075 mm (No. 200)	
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1	20.	1 pc.	Brush, fine sie		
1	21.	1 pc.	Brush, wire, sieve		
1	22.	1 pc.	Mortar & Pestle		
1	23.	l 1 set	Liquid Limit Te	st Set, consisting of:	
			1 - Liquid Limit Device		
		1 - Mixing dish			
3	1 - Spatula, flexible				
1	1 - Graduated Cylinder, glass, 100				
				Content can, 60 ml, tin	
- 4.		1 pc	Plate, Plastic Limit		
*	25.	1 pc	Hammer, Modified		
1	26.	1 pc 1		n, 152.4 mm diameter	
1			\times 116.4 mm height		
		12 pcs.		can, 1000 ml. capacity	
3	. 28.	1 set	tin		
4	و الناهشان اليوزيان : ا		1-Sand Density	est Set, consisting of:	
1			어머니의 얼굴하다 나는 나는 나는 그 사람들은 생각을 살아가는 하는 것이 되었다. 이 그들은 것이 하는 것이다.	cone Plastic, 4-L capacity	
7	· .		- nab' arcoo or	Tracorr, I H COLOCION	
.3	100		1-Density Plate		

DEPARTMENT ORDER NO.

ANNEX I

MINIMUM MATERIALS TESTING EQUIPMENT FOR SMALL AND MEDIUM CONTRACTORS

35. 1 pc Pan, square, G.I. 600 mm x 600 mm x 75 mm 36. 1 pc Spade or Shovel 37. 1 pc Pickaxe 38. 1 pc Crowbar 39. 1 pc Concrete Measure 0.014 cu. m. cap. (1/2 cu. ft.) 40. 1 pc Straight Edge, Steel 300 mm long CONCRETE: 41. 1 set Slump Cone, complete with base and tamping rod and Trowel, triangular of rectangular blade, 90 mm x 180 mm ASPHALT: 42. 1 pcs. Thermometer, Metal, dial type, 0-250 B. MATERIALS TESTING EQUIPMENT THAT MAYEE OWNED OR LEASED BY SMALL AND MEDIUM CONTRACTORS CONCRETE: 1. 1 unit Concrete Mixer, portable 2. 6 pcs. Mold, steel, cylinder, 150 mm x 300 mm	1	ITEM NO.	QUANTITY	DESCRIPTION			
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