NATIONAL ADMINISTRATIVE REGISTER · AUGUST 21, 1992

REVISED SCHEDULE OF FEES AND CHARGES FOR LABORATORY TESTING OF CONSTRUCTION MATERIALS

DPWH DEPARTMENT ORDER NO. 125, August 21, 1992

Read online (full-text search, related cases, audio case brief): https://batas.org/library/453415a7e7dd/

By virtue of Memorandum Circular No. 121 dated 2 November 1990, Directing all Departments, Bureaus, Commissions, Agencies, Offices and Instrumentalities of the National Government including Government Owned or Controlled Corporations, to revise their Fees and Charges at Just and Reasonable Rates, sufficient to cover Administrative Costs, it is hereby directed that the attached Revised Schedule of Fees and Charges (see below) for Testing of Construction Materials and Other Services be effected immediately.

Adopted: 21 Aug. 1992

(SGD.) JOSE P. DE JESUS
Secretary

DPWH RATES OF FEES AND CHARGES

KIND OF
PROPOSED EXISTING NEW

TEST/SERVICE RATES OF DPWH DPWH RATE
(10% increased)

I. SOIL

1. Grading

45.00

49.50

2. Liquid Limit

45.00

49.50

3. Plastic Limit

45.00

49.50

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4. Shrinkage Limit

60.00

66.00

5. Moisture content

20.00

22.00

6. Compaction (Proctor)

220.00

242.00

7. Compaction (Modified)

250.00

275.00

8. Field Density

150.00

165.00

9. California Bearing Ratio (CBR)

550.00

605.00

10. Penetration (CBR), per molded specimen

33.00

36.30

11. Swell (CBR), per molded specimen

33.00

36.30

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12. Specific Gravity

50.00

55.00

13. Unit Weight Disturbed Samples

30.00

30.00

Undisturbed Samples

33.00

33.00

14. Combined Sieve and Hydrometer

240.00

264.00

15. Consolidation

525.00

577.50

16. Consolidation of wet and
dry specimen under a
10 psi unit load
(correction factor for "K" value)

610.00

671.00

17 Direct Shear

985.00

1083.50

18. Direct Shear one Loading

500.00

550.00

19. Triaxial Compression

1478.00

1625.00

20. Triaxial Compression one loading

985.00

1083.50

21. Unconfined Compression per Test

170.00

187.00

22. Compression including
molding (Soil-Stabilization)
per molded specimen

77.00

84.70

23. Absorption (Soil- Stabilization)
per molded specimen

77.00

84.70

24. Wash Loss

44.00

48.40

II. AGGREGATES AND SOIL-AGGREGATES

(For sub-base, base and surface course)

1. Grading

45.00

49.50

2. Material Finer than 200 Sieve

40.00

44.00

3. Combined Sieve and Hydrometer

240.00

264.00

4. Crushing

77.00

84.70

5. Unit Weight, Loose and Rodded

44.00

48.40

6. Liquid Limit

45.00

49.50

7. Plastic Limit

44.00

48.40

8. Specific Gravity and Absorption

75.00

82.50

9. Absorption

44.00

48.40

10. Specific Gravity

50.00

55.00

11. Moisture Content

20.00

22.00

12. Abrasion

150.00

165.00

13. California Bearing Ratio (Complete)

550.00

605.00

14. Stripping

132.00

145.20

15. Trial Mix with asphalt
complete with Laboratory
Compacted Density, Absorption,
Swell and Stability characteristics:

a) First Trial

616.00

677.60

b) Each extra trial

385.00

423.50

16. Swell characteristics
with bituminous materials

132.00

145.20

17. % Fractured Face

44.00

48.40

18. Soundness

187.00

205.70

19. Organic Impurities

75.00

82.50

20. Trial Mix (Concrete Design)
given cement factor

440.00

484.00

21. Trial Mix (Concrete Design) given strength:

a) First Trial

500.00

550.00

b) Each extra trial

385.00

423.50

22. Air Content of Fresh Mixed Concrete

66.00

72.60

23. Mortar Strength, 7 days

75.00

82.50

24. Trial Mix with asphalt
for Marshall Stability
per asphalt content

220.00

242.00

25. Particles with specific gravity less than

2.00

66.00

72.60

26. Clay Lumps in Aggregates

40.00

44.00

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III. HYDRAULIC CEMENT

1. Fineness by #200 Sieve

37.40

41.14

2. Specific Gravity

50.00

55.00

3. Normal Consistency

35.00

38.50

4. Time of Setting by Gilmore Needles

27.50

30.25

5. Soundness by Pat Test

30.00

33.00

6. Soundness by Autoclave Expansion

110.00

121.00

7. Compressive Strength: 1 day

50.00

55.00

Compressive strength: 3 days

50.00

55.00

Compressive Strength: 28 days

50.00

55.00

8. Air Content

50.00

55.00

9. Loss on Ignition

55.00

60.50

10. Insoluble Residue

75.00

82.50

11. Sulfur Trioxide (Cement)

75.00

82.50

12. Magnesium Oxide

75.00

82.50

13. Silicon Dioxide

75.00

82.50

14. Aluminum Oxide

75.00

82.50

15. Ferric Oxide

75.00

82.50

16. Calcium Oxide

75.00

82.50

IV. BITUMINOUS MATERIALS

1. Penetration

50.00

55.00

2. Ductility

110.00

121.00

3. Softening Point

77.00

84.70

4. Float Test

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77.00

84.70

5. Viscosity

77.00

84.70

6. Distillation:

a) Emulsified Asphalt

154.00

169.40

b) Cut-back, tar and petroleum products

180.00

198.00

7. Specific Gravity

33.00

36.30

8. Loss on Heating

55.00

60.50

9. % Bitumen:

a) Solubility in Carbon Disulfied

77.00

84.70

b) Solubility in Carbon Tetrachloride

77.00

84.70

10. Spot Test

80.00

88.00

11. Flash and Fire Point

55.00

60.50

12. Cement Mixing

55.00

60.50

13. Sieve Test

44.00

48.40

14. Modified Miscibility

110.00

121.00

V. BITUMINOUS MIXTURES
(Including Rock Asphalt)

1. Extraction

100.00

110.00

2. Swell and Stability Characteristic with Laboratory Compacted Density and Absorption

374.00

411.40

3. Density of % Voids of Compacted Mixtures

50.00

55.00

4. Marshall Stability

100.00

110.00

5. Field Density

100.00

110.00

VI. MISCELLANEOUS MATERIALS (CHEMICAL)

1. Lime, Limestone, Clay, Shakes, and Slags

a) Chemical Analysis, per constituent

75.00

82.50

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b) Loss on Ignition

66.00

72.60

c) Moisture Content

55.00

60.50

d) Residue

33.00

36.30

2. Premolded Expansion Joint Filler

a) Absorption

55.00

60.50

b) Compression and Recovery

110.00

121.00

3. Paint and Paint Materials

a) Paint composition of
ready mixed paint

374.00

411.40

b) Pigment composition
each constituent

110.00

121.00

c) Analysis of varnish

550.00

605.00

d) Analysis of aluminum Pigment

374.00

411.40

e) Analysis of Linseed Oil

583.00

641.30

f) Analysis of Reflectorized
(Beaded) Traffic Paints Type I

(White)

1,100.0

1,210.00

(Yellow)

1,210.00

1,331.00

4. Water

a) Suitability for Concreting

550.00

605.00

b) Special Determination per constituent

110.00

121.00

5. Galvanized Iron and Steel Sheets

a) Zinc Coating:

1. For the first sample

77.00

84.70

2. For each additional sample

44.00

48.40

b) Gauge Determination

33.00

36.30

c) Bend and Flaking Test

33.00

36.30

VII. CONCRETE AND CEMENT PRODUCTS

1. Molded concrete samples

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a) Compressive strength of concrete cubes 6" x 6"

35.00

38.50

b) Compressive strength of concrete cylinders

1. 6" x 12"

33.00

36.50

2. 8" x 16"

44.00

48.40

c) Flexural strength
of concrete beams
6" x 6" in cross- section

55.00

60.50

2. Cutting of concrete
samples to standard
sized for strength determination

154.00

169.40

3. Pipes and rain tiles

a) Water absorption

55.00

60.50

b) Water absorption with coefficient of saturation

77.00

84.70

c) Dimension measurement

33.00

36.30

d) Reinforcement measurement

33.00

36.30

e) Strength:

1. Non-reinforced:

a) 10" nominal size and under

77.00

84.70

b) Over 10" to 18" nominal size:

110.00

121.00

2. Reinforced

a) 24" nominal size and under

154.00

169.40

b) Over 24" to 30" nominal size

198.00

217.80

c) Over 30" to 42" nominal size

242.00

266.20

d) Over 42" to 60" nominal size

286.00

314.60

4. Masonry building units and paving blocks:

a) Complete tests for
10-units sample of
concrete and clay hollow blocks

500.00

550.00

b) Compressive strength

45.00

49.50

c) Moisture content

44.00

48.40

d) Water absorption and moisture content

55.00

60.50

e) Water absorption and coefficient saturation

77.00

84.70

f) Dimension measurement

33.00

36.30

g) Flexural strength

55.00

60.50

5. Flooring materials:

a) Flexural Strength:

1. Cement tiles
2 cm x 20 cm
x 20 cm nominal size
and under per 5-unit sample

99.00

108.90

2. Slabs 4 cm x
50 cm x 50 cm maximum
nominal size per unit

55.00

60.50

6. Asbestos Cement Sheets:

a) Flexural strength:

1. Flat sheets,
per 3 standard
test specimen
or less

88.00

96.80

2. For each additional
standard test specimen

33.00

36.30

3. Corrugated sheets
per 3 standard test
specimens or less

110.00

121.00

4. For each additional
standard test specimen

33.00

36.30

b) Water absorption:

1. For 3 standard test specimens

110.00

121.00

2. For each additional standard test specimen

33.00

36.30

7. Asbestos Cement Pipes:

a) Crushing strength:

1. 10" nominal size and under

77.00

84.70

2. Over 10" to 18" nominal size

110.00

121.00

3. Over 18" to 30" nominal size

154.00

169.40

b) Flexural strength
for pipes 8" nominal
size and under

77.00

84.70

VIII. FERROUS AND NON-FERROUS METAL AND ALLIED PRODUCTS

1. Steel Bars for complete reinforcement

a) Complete test:

1. For plain bars

308.00

338.80

2. For deformed bars

352.00

387.20

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b) Tensile properties

70.00

77.00

c) Bending properties

44.00

48.40

d) Deformation measurement

44.00

48.40

e) Variation in weight

33.00

36.30

2. Cast iron pipes and centrifugally cast pipes:

a) Hydraulic test cast iron soil pipes

154.00

169.40

b) Hydrostatic test with test pressure
over 50 psi up to1000 psi for
pipes10" nominal size and under

220.00

242.00

c) Flexural strength
standard test bars, A, B & C

110.00

121.00

d) Tensile properties
prepared standard test specimen

110.00

121.00

e) Dimension measurement

33.00

36.30

f) Chemical Analysis:

1. Sulfur content

154.00

169.40

2. Phosphorous content

110.00

121.00

3. Steel Pipes:

a) Hydrostatic test with test
pressure over 50 psi up to
1000 psi for pipes10"
nominal size and under

220.00

242.00

b) Dimension measurement

33.00

36.30

c) Weight determination

33.00

36.30

d) Weight of zinc coating

220.00

242.00

e) Thickness or uniformly of
coating by Preece test method

154.00

169.40

4. Wire and wire ropes:

a) Tensile properties for wire from Gage10 up

77.00

84.70

b) Ductility of wire

77.00

84.70

c) Adherence of coating

77.00

84.70

d) Uniformly of coating by Preece Test Method

77.00

84.70

e) eight of zinc coating

110.00

121.00

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f) Breaking strength of wire ropes:

1. 1/2" nominal size and under

154.00

169.40

2. Over 1/2" to 1" nominal size

220.00

242.00

g) Dimension measurement

33.00

36.30

5. Standard Test Specimens
and Miscellaneous Metal Products:

a) Tensile properties prepared test specimen

165.00

181.50

b) Hardness test, Brinnel or Rockwell:

1. For the first specimen

77.00

84.70

2. For each additional specimen

33.00

36.30

c) Impact test, Charpy,

Izad or Tension prepared
test specimen:

1. For the first specimen

77.00

84.70

2. For each additional
test specimen

33.00

36.30

d) Wheelborrow check test

220.00

242.00

e) Cast iron manhole frame
and cover check test

220.00

242.00

f) Load test, hydraulic
jacks, not over 50 tones capacity

1100.00

1210.00

g) Chemical analysis per element sulfur

110.00

121.00

IX. MISCELLANEOUS MATERIALS (MECHANICAL)

1. Fiber ropes:

a) Tensile strength:

1. For ropes 1" in nominal size and under

110.00

121.00

2. Over 2" up to2" in nominal size

154.00

169.40

3. Over 2" up to3" in nominal size

220.00

242.00

X. SPECIAL TESTS

1. Verifications of testing machines by means of standard proving rings:

a) Testing machines with capacity range of 2,000 1b and under per range

770.00

847.00

b) Over 2,000 lb up

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to 20,000 lb per range

1760.00

1936.00

c) Over 20,000 lb up
to 200,000 lb per range

3300.00

3630.00

d) Over 200,000 lb up
to 400,000 lb per range

4400.00

4840.00

2. Additional charges for verification
and calibration tests performed
at location:

a) Fees while proving rings are in
transit or at location per day:

1. Proving rings with loading
capacity of 2,000 lb

154.00

169.40

2. Proving rings with loading
capacity of 20,000 lb

220.00

242.00

3. Proving rings with loading
capacity of 200,000 lb

374.00

411.40

XI. MISCELLANEOUS SERVICES

1. Plate Bearing Test and/or
Subgrade Modulus Determination
(K Value Uncorrected),
fixed charge up to 100 tons

1760.00

1936.00

2. Load Test on Piles, fixed
charge up to 100 tons

3080.00

3388.00

3. Resistivity Test:

a) Rental of equipment, per
day or fraction thereof

374.00

411.40

4. Concrete Core Drilling

a) Rental of equipment,
per day or fraction thereof

198.00

217.80

b) Per core drilled

374.00

411.40

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