

**SCHEDULE OF FEES AND CHARGES**  
**Construction Material Testing and Engineering Inspection Services**  
**January 2009 - December 2009**

**A. PROFESSIONAL SERVICES**

Special Inspection <sup>1</sup>	45.00/hr
Compaction Testing, Densometer/Sand Cone (ASTM D 2922, D 1556 D-2950)	55.00/hr
Project Management, Report Review & Evaluation	89.00/hr
Staff Geotechnical Engineer/Geologist	130.00/hr
Project Geotechnical Engineer/Geologist	160.00/hr
Senior Geotechnical Engineer	185.00/hr
Administrative Staff/Report Preprocessing	45.00/visit

**B. STRUCTURAL STEEL**

Special Inspection, Structural Steel <sup>2</sup>	60.00/hr
Non-Destructive Examination ( UT, MT, PT) <sup>3</sup>	70.00/hr
Tension Calibrator	85.00/day

**C. CONCRETE LABORATORY TESTING**

Compression Strength Test, Each, (ASTM C 39)	18.00/ea
Compression Strength Test, Cast/Delivered by Others, Each, ( ASTM C 39)	55.00/ea
Compression Strength Test for Core Specimen, Each, (ASTM C 42, C 513)	50.00/ea
Flexural Strength Test, Each, (ASTM C 78, C 293)	80.00/ea
Density Test, Normal & Light Weight Concrete, Each Specimen (ASTM C 642)	40.00/ea
Splitting Tensile Test, Each, (ASTM C 496)	75.00/ea
Concrete Cylinder Molds, Each	5.00/ea
Concrete Coring	90.00/hr
Penetration Resistance of Hardened Concrete (ASTM C 803)	90.00/hr
Penetration Resistance of Hardened Concrete charges per set of three	35.00/set
Concrete Mix design Quoted Per Project	Quoted Per Project
Concrete Batchplant Certification	Quoted Per Project

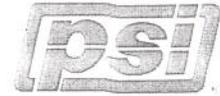
**D. SHOTCRETE LABORATORY TEST**

Compression Test, Three Cores Per Panel (ASTM C 1140)	145.00/ea
Additional Cores, Each	50.00/ea

<sup>1</sup> Reinforced Concrete, Reinforced Masonry, Pre-Stressed and Post-Tensioned Concrete

<sup>2</sup> Roofing, Nailing, Wood Structures, Piling, Sprayed-on Fireproofing, Shotcrete, and Concrete Batchplant

<sup>3</sup> Ultrasonic, Magnetic Particle and Dye Penetrant



ENGINEERING, CONSULTING, MATERIALS TESTING & SPECIAL INSPECTIONS

**E. MASONRY LABORATORY TESTING**

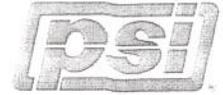
Mortar Compressive Strength Test, Each, (ASTM C 780)	18.00/ea
Grout Compression Strength Test, Each, (ASTM C 1019)	18.00/ea
Prisms, Grouted/Ungouted, 8"x8"x16", Each, ( UBC 21-17)	118.00/ea
Masonry Units, Each, (ASTM C 140)	95.00/ea
Youngs Modulus of Elasticity (ASTM E 111)	220.00/ea
Efflorescence Test (ASTM C 67 Article 10)	330.00/ea
Freezing and Thawing (ASTM C 67, Article 8, Maximum Cycle)	2200.00/ea
Brick Compressive Strength Test (ASTM C 67, Article 6)	120.00/ea

**F. SOILS LABORATORY TESTING**

Sieve Analysis (ASTM C 136, C 117, D 1140)	85.00/ea
Hydrometer Analysis (ASTM D 422)	195.00/ea
Moisture/Density Relationship (ASTM D 698, D 1557)	185.00/ea
Sand Cone Density Test, Each, (ASTM D 1556)	40.00/ea
Natural Moisture Content (ASTM D 2216).	40.00/ea
Organic Content Test (ASTM D 2974)	140.00/ea
Permeability (ASTM D 5084)	500.00/ea
Permeability Test, Constant Head (ASTM D 2434)	290.00/ea
Specific Gravity (ASTM D 854)	95.00/ea
Atterberg Limits (ASTM D 4318)	195.00/ea
Visual Soil Classification (ASTM C 2488)	35.00/ea
California Bearing Ratio (ASTM D 1883)	550.00/ea

**G. AGGREGATE LABORATORY TESTING**

Clay Lumps and Friable Particles (ASTM C 142)	105.00/ea
Organic Impurities (ASTM C 40)	125.00/ea
Fracture Face Count (WSDOT 103, ASTM D 5821)	140.00/ea
Sand Equivalent (ASTM D 2419)	95.00/ea
Soundness-Sodium Sulfate (ATSM C 88)	500.00/ea
Soundness-Magnesium Sulfate	600.00/ea
Abrasion (ASTM C 131, C 535)	185.00/ea
Unconfined Compressive Test, Intact Rock Cores, Each, (ASTM D 2938)	130.00/ea
Coarse Aggregate Specific Gravity (ASTM C 127)	85.00/ea
Fine Aggregate Specific Gravity (ASTM C 128)	85.00/ea
Aggregate Unit Weight (ASTM C 29)	185.00/ea
Resistivity (ASTM D 2844)	230.00/ea
Ethylene Glycol Expansive Breakdown CRD (C-145)	550.00/ea
Degradation (WSDOT T-113)	245.00/ea



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H. ASPHALTIC CONCRETE

Table with 2 columns: Test Description and Rate. Rows include Marshal Stability and Flow, Rice Density, Bulk Specific Gravity, Cores, Extraction/Gradation, Mix Design (3 Trials), and Mix Design (6 Trials).

I. OTHER MATERIALS

Table with 2 columns: Test Description and Rate. Rows include Sprayed-on Fireproofing Dry Unit Weight, Adhesion/Cohesion Test, Anchor Bolt Pull Test (One/Two Man Crew), Concrete Floor Moisture Test, Pachometer Inspection, and Ground Penetrating Radar (GPR).

J. MISCELLANEOUS

Table with 2 columns: Description and Rate. Rows include All Outside Expenses (Cost Plus 30%), Mileage (.69/mile), and Sample Pick-up / Delivery (Quoted Per Project).

Remarks:

- 1. Inspection services overtime is charged at 1.5 times the basic rate. Overtime rate applies to all work in excess of 8 hours per day...
2. To better serve our clients field inspection services should be scheduled by 3:30 PM the day before services are required.
3. A minimum of 4 hours will be charged portal to portal per assigned field inspector and any late cancellations.
4. All contaminated soils and material tests will be charged twice the amount indicated in this fee schedule and the material will be returned to client for disposal. after the test is performed.
5. All samples will be disposed of after completion of testing. Samples with Non-conformance test results will be retained for 10 days after completion of testing.
6. Should it be necessary, tests not capable of being performed in our Tacoma laboratory will be sub-contracted to a qualified testing provider. The use of outside testing sources shall not jeopardize quality and shall be clearly identified on the final report should they be used.
7. A fuel surcharge shall be applied to invoices to offset the increase in fuel prices for a gallon of regular gasoline. Increases shall be made no more often than monthly.