Teek



Schedule of Fees 2021 - 2022

NOTE: Rates will be adjusted annually each July 1st to reflect increased costs.

Personnel Rates: Per Hour Unless Otherwise Noted

Task			D ete
Code 10026	Engineering and Consulting Personnel Senior Principal Advisor/Consultant	\$	Rate 340.00
10020	Principal Engineer/Geologist	\$ \$	240.00
10017	Metallurgical Engineer	\$	350.00
70000	Registered Geotechnical Engineer	\$	235.00
10010	Technical Advisor	\$	230.00
10011	Material Scientist, Welding/NDT Consultant	\$	240.00
70003	Registered Geologist/Certified Engineering Geologist	\$	235.00
10003	Senior Engineer/Geologist	\$	210.00
10009	Registered Civil Engineer	\$ \$	205.00
60003 10013	Roofing/Waterproofing Consultant Project Engineer/Manager	ې \$	230.00 165.00
30000	Quality Control Manager	\$	190.00
10005	Senior Staff Engineer/Geologist	\$ \$	150.00
10007	Staff Engineer/Geologist	\$	150.00
10015	Quality Control Administrator	\$	170.00
10019	Metallurgical Technician	\$	145.00
90001	CADD Operator/Draftsperson	\$	132.00
95103	Office Support/Clerical	\$	95.00
70107	Field Supervisor	\$	165.00
91030	Safety Supervisor	\$	165.00
20000 98000	Laboratory Manager	\$ \$	150.00
90005	Laboratory Technician Expert Witness Testimony	э \$	125.00 580.00
91010	Qualified SWPPP Developer	\$	185.00
91000	Qualified SWPPP Practitioner	\$	170.00
30001	Vibration Engineer	\$	210.00
	-		
Task			
Code	Field Inspection Personnel		Rate
10101	Concrete/Reinforced Steel Inspector	\$	125.00
10103	Prestressed/Post Tensioned Inspector	\$	125.00
10105 10109	Concrete ICC Inspector Drilled-In-Anchor Inspector	\$ \$	125.00 125.00
10103	Gunite/Shotcrete Inspector	э \$	125.00
10113	Masonry Inspector	\$	125.00
10201	Structural Steel/Welding Inspector	\$	125.00
10203	AWS Certified Welding Inspector	\$	125.00
10207	Fireproofing Inspector	\$	125.00
10501	Lead Inspector	\$	128.00
10115	Firestop Special Inspector - IFC Premier	\$	142.00
10117	Firestop Special Inspector - IQP	\$	187.00
70109	L.A. Deputy Grading Inspector	\$	130.00
75001 70103	Asphalt Field and Plant Inspector/Technician Pile Driving Inspector	\$ \$	118.00 125.00
70103	Soils Technician	э \$	118.00
10107	Concrete Quality Control (ACI/Caltrans Technician)	\$	125.00
10122	Wood Framing Inspector	\$	125.00
60001	Roofing/Waterproofing Inspector	\$	132.00
10500	Public Works Inspector	\$	142.00
10515	Mechanical Inspector	\$	150.00
10519	Electrical Inspector	\$	150.00
10521 10523	Plumbing Inspector	\$ \$	150.00
30002	Building Inspector	э \$	150.00 145.00
50002	Vibration Monitoring Technician Field Engineering Technician	э \$	125.00
00000		Ŷ	120.00
Task			
Code	Shop Inspection Personnel		Rate
10301	Structural Steel Fabrication Inspector	\$	125.00
10309	Batch Plant Quality Control Technician/Inspector	\$	125.00
10325	Glue-Laminated Fabrication Inspector		uotation
10328	Pre-Cast Concrete/Pipe Fabrication Inspector	\$	125.00
Tack			
Task Code	Nondestructive Testing Personnel		Rate
10401	NDE Ultrasonic Testing Technician	\$	130.00
10403	NDE Magnetic Particle Testing Technician	\$	130.00
10405	NDE Dye Penetrant Testing Technician	\$	130.00
10305	Combination NDE Technician/Welding Inspector	\$	130.00
10409	Radiographic Testing (crew of 2)	\$	350.00
10020	NDE Engineer	\$	220.00

Task			
Code	Equipment Usage (Daily Unless Otherwise Noted)		Rate
95318	Skidmore	\$	40.00
95309	Torque Wrench, Small	\$	15.00
95312	Torque Wrench, Large	\$	25.00
95315	Torque Multiplier	\$	40.00
95321	Air Meter	\$	20.00
95322	Unit Weight Bucket	\$	30.00
95323	Field Concrete Scale Brass Mold	\$	30.00
95324		\$	20.00
95343 95319	Nuclear Gauge (Per Hour) Sand Cone Density Test Equipment	\$ \$	10.00 50.00
95333	Pull Test Equipment	\$	60.00
95348	Concrete/Asphalt Coring Equipment	\$	600.00
95327	Pachometer	\$	55.00
95336	Floor Flatness (Dipstick)	\$	50.00
95330	Schmidt Hammer	\$	30.00
95341	Vapor Emission Test Kits	\$	30.00
95342	Relative Humidity Probe	\$	60.00
95339	UPV (Ultrasonic Pulse Velocity) Meter	\$	350.00
95351	Fireproofing Adhesion/Cohesion (Per Test)	\$	35.00
95300	A Scan Ultrasonic Equipment and Consumables	\$	75.00
95303	Magnetic Particle Equipment and Consumables	\$	40.00
95306	Liquid Penetrant Consumables	\$	35.00
95307	Phased Array Ultrasonic Equipment (Per Hour)	\$	60.00
95347	Ground Penetrating Radar	\$	300.00
95345	Impact Echo	\$	350.00
95362	Ultrasonic Tomography	\$	450.00
95349	Inertial Profiler (Per Hour)	(Quotation
95357	Project Dedicated Vehicle	\$	120.00
95364	Roller Compacted Concrete Vibrating Hammer/Tampling Plate	\$	70.00
95367	Half-cell Potential Equipment Set	\$	350.00
95368	Concrete Electrical Resistivity Meter	\$	160.00
95369	Field Hardness (Steel)	\$	100.00
95370	Coating Thickness Gauge	\$	100.00
95373	Wood Curing Box (One-Time Fee/Per Box)	\$	600.00
95371	Temperature Control Curing Box (Per Month)	\$ \$	450.00
95372	Temperature Matching Curing Box (Per Month)	Þ	520.00
Task			
Code	Specimen Pick-Up		Rate
20102	Standard Sample: Concrete Cylinders (Each)	\$	28.00
20101	Standard Sample: Mortar/Grout Cubes and Cores,	\$	28.00
	Fireproofing, Rebar, and Epoxy Prisms (Each)	•	
20103/	Oversize Sample: Masonry Prisms, Shotcrete Panels,	\$	75.00
20104	Flexural Beams (Each)		
20107	Technician for Specimen Pick-Up Not Listed Above	\$	105.00
	(Per Hour, 2-Hour Minimum)		
20109	Technician for Specimen Pick-Up Before 5:00 a.m.	\$	140.00
	or After 5:00 p.m. Monday thru Friday, or All Day Saturday		
	(Per Hour, 2-Hour Minimum Plus Mileage)		
Task			
Code	Jobsite Trailer, Mobile or On-site Laboratory		Rate
95360	Mobile laboratory for rapid strength concrete	\$	550.00
	(per shift not exceeding 12 hours)		
	All others by quotation		
Task			
Code	Concrete Tests (Field Made Specimens)		Rate
20201	6" x 12" Cylinder: Compression Strength	\$	40.00
20201	(ASTM C39)	÷	10.00
20202	4" x 8" Cylinder: Compression Strength	\$	35.00
	(ASTM C39)	•	
20203	Density of Structural Lightweight Concrete	\$	85.00
	Equilibrium or Oven Dry Method (ASTM C567)		
20205		\$	75.00
20205 20207	Core Compression including Trimming (ASTM C42) 6" x 6" x 18" Flexural Beams Not Exceeding	\$ \$	75.00 100.00
	Core Compression including Trimming (ASTM C42) 6" x 6" x 18" Flexural Beams Not Exceeding		
	Core Compression including Trimming (ASTM C42)		
20207	Core Compression including Trimming (ASTM C42) 6" x 6" x 18" Flexural Beams Not Exceeding Referenced Size (ASTM C78, C293 or CTM 523)	\$	100.00
20207 20209	Core Compression including Trimming (ASTM C42) 6" x 6" x 18" Flexural Beams Not Exceeding Referenced Size (ASTM C78, C293 or CTM 523) Splitting Tensile Strength (ASTM C496)	\$ \$	100.00 95.00
20207 20209 20211	Core Compression including Trimming (ASTM C42) 6" x 6" x 18" Flexural Beams Not Exceeding Referenced Size (ASTM C78, C293 or CTM 523) Splitting Tensile Strength (ASTM C496) Modulus of Elasticity Test (ASTM C469)	\$ \$ \$	100.00 95.00 275.00
20207 20209 20211	Core Compression including Trimming (ASTM C42) 6" x 6" x 18" Flexural Beams Not Exceeding Referenced Size (ASTM C78, C293 or CTM 523) Splitting Tensile Strength (ASTM C496) Modulus of Elasticity Test (ASTM C469) Rapid Chloride Permeability Test: Cylinders or Cores (ASTM C1202) Density, Absorption, and Voids in Hardened	\$ \$ \$	100.00 95.00 275.00
20207 20209 20211 80003	Core Compression including Trimming (ASTM C42) 6" x 6" x 18" Flexural Beams Not Exceeding Referenced Size (ASTM C78, C293 or CTM 523) Splitting Tensile Strength (ASTM C496) Modulus of Elasticity Test (ASTM C469) Rapid Chloride Permeability Test: Cylinders or Cores (ASTM C1202)	\$ \$ \$	100.00 95.00 275.00 520.00



Task Code	Concrete Tests (Field Made Specimens), Continued		Rate
40005	Flexural Toughness (ASTM C1609, Formerly	\$	800.00
	ASTM C1018)		
40007	Flexural Toughness (ASTM C1550)	\$	500.00
40006 40009	Double Punch Strength of Fiber Reinforced Concrete	\$ \$	500.00
40009	Coefficient of Thermal Expansion of Concrete (CRD 39, AASHTO T336)	φ	600.00
40012	Bulk Electrical Resistivity (ASTM C1876)	\$	120.00
Task Code	Concrete Specimen Preparation		Rate
20151	Sawing of Specimens (Each)	\$	40.00
20157	Coring of Specimens in Lab (Each)	\$	40.00
20159	Grinding of Concrete Below 6000 psi Strength (Each)	\$	60.00
20160	Grinding of Concrete 6000 psi Strength and Above (Each)	\$	90.00
Task Code	Laboratory Trial Batch: Concrete, Cement and Mortar		Rate
30216	Compression Test 4"x8" Cylinders Made and Tested in	\$	50.00
30217	Laboratory (ASTM C192, C35)	\$	60.00
30217	Compression Test 6"x12" Cylinders Made and Tested in Laboratory (ASTM C192, C35)	φ	00.00
30219	6" x 6" x 18" Flexural Beams Made and Tested in	\$	100.00
30223	Laboratory (ASTM C192, C78) Splitting Tensile Strength Cylinders Made and Tested	\$	115.00
30223	in Laboratory (ASTM C192, C496)	φ	115.00
30225	Modulus of Elasticity Test Cylinders Made and Tested in	\$	285.00
	Laboratory (ASTM C192, C469)		
30227	Density of Structural Lightweight Concrete Made in the	\$	105.00
30237	Laboratory, Equilibrium or Oven Dry Method (ASTM C567) Bulk Electrical Resistivity (ASTM C1876)	\$	140.00
30201	Laboratory Trial Batch (ASTM C192/Lab Procedure Performance)	\$	525.00
30203	Concrete Mixture Design for Preconsruction Evaluation and	\$	250.00
	Backup Data Development		
30205	Drying Shrinkage Up to 28 Days: Three 3" x 3" or 4" x 4" Bars, Five Readings up to 28 Dry Days	\$	500.00
	(ASTM C157)		
30230	Additional Reading, Per Set of Three Bars	\$	45.00
30231	Storage over Ninety (90) Days, Per Set of	\$	30.00
	Three Bars, Per Month		
30207	Setting Time Up to 7 Hours (ASTM C403)	\$	180.00
30209 30229	Bleeding (ASTM C232) Concrete Restrained Expansion (ASTM C878)	\$ \$	150.00 600.00
30223	Mix, Make and Test Mortar or Grout Specimens for	\$	550.00
	Compressive Strength: Set of 6 (ASTM C878)	*	
20263	Non-Shrink Grout: Height Change after Final Set (ASTM C1090)	\$	550.00
20265	Non-Shrink Grout: Height Change at Early	\$	800.00
	Age (ASTM C827)		
30232	Cracking Resistance, Set of Three Rings,	\$	5,500.00
	Laboratory Trial Batching, Test Until Cracking or up to 28 Days (ASTM 1581)		
30233	Evaluation of Pre-Packaged Masonry Mortars	\$	1,150.00
	(ASTM C270)	•	
30234	Creep (ASTM C512) (One Age of Loading, 12 Months Duration of Testing)	Þ	8,000.00
Task	Chemical Analysis and Petrographic		
Code	Examination of Concrete	¢	Rate
80123	Chemical Analysis for Acid Soluble Chlorides (ASTM C1152) (includes sample prep)	\$	145.00
80126	Chemical Analysis for Water Soluble Chlorides	\$	170.00
	(ASTM C1218) (includes sample prep)		
80193	Chloride Diffusion Coefficient of Cementitious	\$	2,600.00
80129	Mixtures by Bulk Diffusion (ASTM C1556) Petrographic Examination of Hardened Concrete, Level II		
	(ASTM 856) (Comprehensive)		
	Each, One Sample	\$	2,400.00
	Each, Two or More Samples	\$	2,100.00
Task			
Code 80105	Physical and Chemical Analysis of Cement Physical Testing and Chemical Analysis of Portland	\$	Rate 1,300.00
80195	Cement per Standard Requirements (ASTM C150)	Φ	1,500.00
80100	Chemical Analysis of Portland Cement per	\$	675.00
00400	Standard Requirements (ASTM C150)	•	075 0
80103	Physical Testing of Portland Cement per	\$	675.0

Physical and Chemical Analysis of Cement, Continued		Rate
Physical Testing of Type K Cement, Mortar	\$	675.00
Expansion (ASTM C806)		
Partial Analysis or Specific Physical Tests		Quotation
Sulfates Resistance of Hydraulic	\$	2,700.00
	•	
	\$	3,000.00
Cement (ASTM C1012), 12 months		
Physical and Chemical Analysis of Fly Ash	^	Rate
	\$	675.00
	\$	675.00
	Ψ	075.00
, ,		Quotation
Chemical Analysis and Physical Testing of Fly Ash per	\$	1,300.00
Standard Requirements (ASTM C1618)		
Physical Testing of Chemical Admixtures for		
Concrete		Rate
Qualification of Admixture per ASTM C494		Quotation
Soils and Aggregate Tests		Rate
Abrasion: LA Rattler (ASTM C131)	\$	200.00
Abrasion: LA Rattler (ASTM C535)		210.00
		160.00
	\$	550.00
	\$	650.00
(ASTM D1883): Cement-Treated Soil	Ŷ	000.00
Cement-Treated Soil/Base Mix Design: includes three trial	\$	3,500.00
cement contents with three unconfined compressive strength		
		175.00
		200.00 175.00
		275.00
Collapse Potential/Index (ASTM D5333)	\$	225.00
Compressive Strength of Molded Soil-Cement	\$	105.00
Cylinders (ASTM D1633)		
		195.00
	φ	45.00
	\$	245.00
(CTM 643, 417, and 422)		
Crushed/Fractured Particles (ASTM D5821, CTM 205)	\$	175.00
	\$	245.00
	¢	225.00
		195.00
		210.00
(ASTM D3744, CTM 229)		
Expansion Index (ASTM D4829, UBC 18-2)	\$	170.00
Fine Aggregate Angularity	\$	190.00
	¢	040.00
· · · · · · · · · · · · · · · · · · ·	-	240.00 210.00
		190.00
(ASTM D1557, D698, CTM 216)	•	
Maximum Density: Check Point (ASTM D1557, D698)	\$	65.00
Maximum Density: AASHTO C [Modified]	\$	195.00
		345.00 25.00
		30.00
		40.00
(ASTM D2937)		
Moisture-Density Relations of Soil-Cement	\$	275.00
Mixtures Premixed in the Field (ASTM D558)		
Moisture-Density Relations of Soil-Cement Mixtures	\$	350.00
Mixed in the Lab (ASTM D558)		
Mixed in the Lab (ASTM D558) Organic Impurities (ASTM C40, CTM 213)	\$	90.00
Mixed in the Lab (ASTM D558)		
Mixed in the Lab (ASTM D558) Organic Impurities (ASTM C40, CTM 213) Permeability (ASTM D5084)	\$	90.00 Quotation
	Sulfates Resistance of Hydraulic Cement (ASTM C1012), 6 months Sulfates Resistance of Hydraulic Cement (ASTM C1012), 12 months Physical Testing of Fly Ash per Standard Requirements (ASTM C618) Physical Testing of Fly Ash per Standard Requirements (ASTM C618) Partial Analysis or Specific Physical Tests Chemical Analysis and Physical Testing of Fly Ash per Standard Requirements (ASTM C1618) Physical Testing of Chemical Admixtures for Concrete Qualification of Admixture per ASTM C494 Soils and Aggregate Tests Abrasion: LA Rattler (ASTM C131) Abrasion: LA Rattler (ASTM C131) Abrasion: LA Rattler (ASTM C535) Atterberg Limits/Plasticity Index (ASTM D4318, CTM 204) California Bearing Ratio Excluding Maximum Density (ASTM D183): Soil Cament-Treated Soil/Base Mix Design: includes three trial cement-Treated Soil/Base Mix Design: includes three trial cement contents with three unconfined compressive strength specimens per cement content (CTM 417, CTM 422) Clay Lumps and Friable Particles (ASTM C142) Cleanness Value: 1: * #4 (CTM 227) Collapse Potential/Index (ASTM D5333) Compressive Strength of Molded Soil-Cement Cylinders (ASTM D163) Consolidation Test: Full Cycle (ASTM 2435, CTM 219) Consolidation Test: Full Cycle (ASTM 2436, CTM 219) Consolidation Test: Full Cycle (ASTM 2436, CTM 219) Consolidation Test: Full Cycle (ASTM 2435, CTM 219) Consolidation Test: Full Cycle (ASTM 2436, CTM 2030) Direct Shear Test: Undisturbed - Slow [CD] (ASTM D3080) Direct Shear Test: Undisturbed - Fast [CU] (ASTM D3080) Direct Shear Test: Undisturbed - Fast [CU] (ASTM D3080) Direct	Sulfates Resistance of Hydraulic \$ Cement (ASTM C1012), 6 months \$ Sulfates Resistance of Hydraulic \$ Cement (ASTM C1012), 12 months \$ Chemical Analysis of Fly Ash per \$ Standard Requirements (ASTM C618) \$ Physical Testing of Fly Ash per Standard Requirements \$ (ASTM C618) \$ Partial Analysis of Fly Ash per Standard Requirements \$ (ASTM C618) \$ Physical Testing of Fly Ash per Standard Requirements (ASTM C1618) \$ Physical Testing of Chemical Admixtures for Concrete \$ Qualification of Admixture per ASTM C494 \$ Solis and Argeregate Tests \$ Abtrasion: LA Rattler (ASTM C131) \$ Atterberg Limits/Plasticity Index (ASTM D4318, CTM 204) \$ California Bearing Ratio Excluding Maximum Density \$ (ASTM D1883): Soil \$ California Bearing Ratio Excluding Maximum Density \$ (ASTM D1883): Soil \$ California Bearing Ratio Excluding Maximum Density \$ (ASTM D1883): Soii \$ <td< td=""></td<>



Code	Soils and Aggregate Tests, Continued		Rate
0391	Potential Reactivity: Mortar Bar Expansion Method,	\$	900.00
	28-Day Exposure (ASTM C1260)		
0398	Potential Reactivity: Concrete Bar Expansion	\$	2,700.00
	Method (ASTM C1293), 12 month		
0399	Potential Reactivity: Concrete Bar Expansion	\$	2,900.00
	Method (ASTM C1293), 24 month		
70397	Potential Reactivity of Aggregate Combination, non-standard	\$	1,000.00
	method; 14-Day Exposure, Mortar (after ASTM C1567)		
70392	Potential Reactivity of Aggregate Combination, non-standard	\$	1,050.00
	method; 28-Day Exposure, Mortar (after ASTM C1567)		
70345	R-Value: Soil (ASTM 2844, CTM 301)	\$	440.00
70347	R-Value: Aggregate Base (ASTM D2844, CTM 301)	\$	490.00
70349	Sand Equivalent (ASTM D2419, CTM 217)	\$	125.00
70351	Sieve #200 Wash Only (ASTM D1140, CTM 202)	\$	90.00
70353	Sieve with Hydrometer: 3/4" Gravel to Clay (ASTM D422,	\$	250.00
	D7928, CTM 203)		
70355	Sieve with Hydrometer: Sand to Clay (ASTM D422,	\$	240.00
	D7928, CTM 203)		
70357	Sieve Analysis Including Wash (ASTM C136, CTM 202)	\$	150.00
0359	Sieve Analysis Without Wash (ASTM C136, CTM 202)	\$	120.00
0360	Sieve Analysis: Split Sieve (ASTM C136, CTM 202)	\$	240.00
0361	Sieve Analysis Without Wash: With Cobbles	\$	235.00
	(ASTM C136, CTM 202)		
70363	Soundness: Sodium or Magnesium Sulfate,	\$	450.00
	5 Cycles (ASTM C88)		
70365	Specific Gravity and Absorption: Coarse	\$	100.00
	(ASTM C127, CTM 206)		
70367	Specific Gravity and Absorption: Fine	\$	165.00
	(ASTM C128, CTM 207)		
70369	Swell/Settlement Potential: One Dimensional	\$	150.00
	(ASTM D4546)		
70371	Triaxial		Quotation
70373	Unconfined Compression (ASTM D2166, CTM 221)	\$	190.00
30317	Unit Weight Per Cubic Foot (ASTM C29, CTM 212)	\$	125.00
30319	Voids in Aggregate with Known Specific Gravity	\$	125.00
	(ASTM C29, CTM 212)		
30411	Lightweight Particles: Coarse, with Two Solutions (ASTM C123)	\$	410.00
30412	Lightweight Particles: Fine, with One Solution (ASTM C123)	\$	205.00
Task			
Code	Asphalt Concrete Tests		Rate
75031	HMA Mixing and Preparation	\$	125.00
75032	HMA Mixing and Preparation with Aggregate Treatment	\$	175.00
75033	Bulk Specific Gravity of Compacted Sample or	\$	55.00
	Core: SSD (ASTM D2726, CTM 308C)		
75036	Bulk Specific Gravity of Compacted Sample or	\$	75.00
	Core: Parafin Coated (ASTM D1188 and CTM 308A)		
5040	Emulsion Residue, Evaporation (ASTM D244)	\$	160.00
75024	Extraction: % Bitumen (ASTM D6307, CTM 382)	\$	160.00
75027	Extraction: % Bitumen and Gradation	\$	215.00
	(ASTM D5444, D6307, CTM 202, 382)		
75028	Extraction: % Bitumen, Correction Factor	\$	350.00
	(ASTM D6307, CTM 382)		o / = / ·
75030	Chemical Extraction: % Bitumen and Sieve Analysis	\$	245.00
75010	(ASTM D2172 Method A or B, ASTM D5444)	~	045.65
75042	Lab Tested Maximum Density: Hveem, 3 briquettes	\$	215.00
	(ASTM D1561, D1188, CTM 304, 308)		
75057	Hveem Stabilometer Test, Premixed, 3 briquettes	\$	210.00
	(ASTM D1560, D1561, CTM 304, 366)		
75048	Lab Tested Maximum Density: Marshall,	\$	210.00
	3 briquettes (ASTM D6926, D2726)		
5049	Lab Tested Maximum Density: Marshall	\$	215.00
	6" Specimen, 3 briquettes (ASTM D5581, D2726)		
5050	Lab Tested Maximum Density: Superpave Gyratory	\$	80.00
	Compacted Briquette, SSD, 1 briquette		
	(ASTM D6925, D2726)		
75052	Lab Tested Maximum Density: Superpave Gyratory	\$	90.00
	Compacted Briquette, Parafin, 1 briquette		
	(ASTM D1188, D6925)		
75051	Maximum Theoretical Specific Gravity [RICE]	\$	160.00
	(ASTM D2041, CTM 309)		
	Marshall Stability and Flow, Cored Sample, each	\$	80.00
5066	marchan etabling and herr, cerea earipie, each	-	
	(ASTM D6927)	•	
	(ASTM D6927) Marshall Stability and Flow, Premixed, 3 briquettes	\$	230.00
75066 75069	(ASTM D6927)		230.00

75106 Marshall Stability and Flow, Gyratory Compacted \$ 230.00 Specimen Pre-Mixed, 3 briquettes (ASTM D5581, D6925)

Task			
Code	Asphalt Concrete Tests, Continued		Rate
75107	Marshall Stability and Flow 6" Specimen, Premixed,	\$	230.00
	3 briquettes (ASTM D5581)	•	05.00
75063	Moisture Content (CTM 370)	\$	85.00
75005	Wet Track Abrasion Test (ASTM D3910)	\$	160.00
75093	Hveem Mix Design (Excluding Aggregate Quality Tests)	\$	5,200.00
75096	Hveem Mix Design, with RAP (Excluding Aggregate	\$	5,645.00
	Quality Tests, RAP Qualification)		
75099	Hveem Mix Design, with Lime (Excluding Aggregate Quality Tests)	\$	6,000.00
75094	Hveem Mix Design Caltrans Untreated Mix	\$	6,200.00
	(Including Aggregate Quality Tests)		
75095	Hveem Mix Design Caltrans Lime Treated Mix	\$	7,200.00
	(Including Aggregate Quality Tests)		
75084	Marshall Mix Design (Excluding Aggregate Quality Tests)	\$	5,200.00
75087	Marshall Mix Design with RAP (Excluding Aggregate	\$	5,645.00
	Quality Tests)		
75090	Marshall Mix Design with Lime (Excluding Aggregate	\$	6,200.0
	Quality Tests)		
75083	Open Grade Asphalt Concrete Mix Design	\$	3,000.00
	(ASTM D7064, CTM 368)		
75109	Superpave Mix Design (Excluding Aggregate Quality Tests)	\$	10,600.00
75113	Superpave Mix Design, with RAP	\$	11,200.00
	(Excluding Aggregate Quality Tests)		
75114	Superpave Mix Design, with Rubber	\$	11,200.00
	(Excluding Aggregate Quality Tests)		
75115	Superpave Mix Design, with Additives	\$	11,500.00
	(Excluding Aggregate Quality Tests)		
75075	Effect of Moisture on Asphalt Paving Mixtures, Pre-Mixed	\$	1,000.00
	(ASTM D4867, AASHTO T283)		
75111	Hamburg Wheel Track Test, 20,000 passes, 4 briquettes	\$	1,100.0
	(AASHTO T324)		
75039	Raveling Test of Cold Mixed Emulsified Asphalt	\$	200.0
	(ASTM D7196)		
75067	Marshall Stability, wet set, 3 replicates (AASHTO T245)	\$	350.00
75068	Marshall Stability, dry set, 3 replicates (AASHTO T245)	\$	300.0
75070	Cold Recycled Asphalt Mix Design: 2 gradings each,		10,500.00
	3 emulsion content (Caltrans LP-8)	•	,

Task

Code	Brick Masonry Tests, ASTM C67	Rate
20301	Modulus of Rupture: Flexural	\$ 95.00
20303	Compression Strength	\$ 60.00
20305	Absorption: 5 Hour or 24 Hour	\$ 65.00
20307	Absorption (Boil): 1, 2 or 5 Hours	\$ 95.00
20309	Initial Rate of Absorption	\$ 55.00
20311	Efflorescence	\$ 75.00
20313	Cores: Compression	\$ 70.00
20315	Shear Test on Brick Cores: 2 Faces	\$ 95.00

Task

Code	Concrete Block, ASTM C140	Rate
20321	Compression	\$ 90.00
20323	Absorption/Moisture Content/Oven Dry Density	\$ 90.00
20327	Linear Shrinkage (ASTM C426)	\$ 250.00
20335	Web and Face Shell Measurements	\$ 50.00
20329	Tension Test	\$ 160.00
20331	Core Compression	\$ 70.00
20333	Shear Test of Masonry Cores: 2 Faces	\$ 95.00
20339	Efflorescence Tests	\$ 75.00

Task Code 20341 Masonry Prisms, ASTM C1314 Compression Test: Composite Masonry Rate 190.00 \$ Prisms Up To 8" x 16" Compression Test: Composite Masonry Prisms Larger Than 8" x 16" 20343 250.00 \$ 20346 540.00 Prism Cord Modulus of Elasticity \$ 20347 Prism Cord Modulus of Elasticity with Transverse \$ 665.00 Strain (for double-wythe specimen) Task Mortar and Grout 20

Code	Mortar and Grout	Rate
20351	Compression: 2" x 4" Mortar Cylinders (ASTM C780)	\$ 55.00
20353	Compression: 3" x 3" x 6" Grout Prisms,	\$ 40.00
	Includes Trimming (ASTM C1019)	
20355	Compression: 2" Cubes (ASTM C109)	\$ 55.00
20357	Compression: Cores Includes Trimming (ASTM C42)	\$ 75.00



Task			
Code	Masonry Specimen Preparation		Rate
20155	Cutting of Cubes or Prisms	\$	75.00
Task	Finance fing Tests		Dete
20401	Fireproofing Tests Oven Dry Density (ASTM E605)	\$	70.00
20401		Ψ	10.00
Task			
Code	Gunite and Shotcrete Tests		Rate
20361	Core Compression Including Trimming (ASTM C42)	\$	75.00
20365	Compression: Cubes (Includes Saw Cutting)	\$	95.00
Teek	Concrete Reof Fills Concours Vermioulite Redite		
Task Code	Concrete Roof Fill: Gypsum, Vermiculite, Perlite, Lightweight Insulating Concrete, Etc.		Rate
20371	Compression Test (ASTM C495 and C472)	\$	65.00
20373	Air Dry Density (ASTM C472)	\$	50.00
20379	Oven Dry Density (ASTM C495)	\$	75.00
Task			
20501	Reinforcing Steel, ASTM A615, A706 Tensile Test: # 11 or Smaller	\$	Rate 65.00
20503	Bend Test: # 11 or Smaller	φ \$	60.00
20503	Bend Test #14 or #18	φ \$	375.00
20505	Tensile Test: # 14	\$	260.00
20507	Tensile Test: # 18	\$	360.00
Task	Reinforcing Steel - Welded or Coupled		_ .
Code	Specimens	¢	Rate
20521 20523	Tensile Test: Welded/Coupled #11 and Smaller Tensile Test: Welded/Coupled #14	\$ \$	75.00 270.00
20525	Tensile Test: Welded/Coupled #18	у \$	395.00
20529	Weld: Macroetch	\$	90.00
20531	Slippage Test - Caltrans (CTM 670)	\$	200.00
20532	Tensile Test: Welded Hoops #11 and Smaller	\$	150.00
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Task Code	Metal and Steel Testing		Rate
20601	Tensile Strength: Up to 100K Pounds (Each)	\$	70.00
20603	Tensile Strength: Up to 200K Pounds (Each)	\$	80.00
20605	Tensile Strength: Up to 300K Pounds (Each)	\$	100.00
20607	Tensile Strength: Up to 400K Pounds (Each)	\$	150.00
20609	Tensile Strength: 400K to 600K Pounds (Each)	\$	360.00
20611	Tensile Strength: Stress-Strain Percent Offset	\$	200.00
20545	Weld: Macroetch	\$	90.00
20547	Weld: Fracture	\$	45.00
20615	Bend Test	\$	70.00
20617	Flattening Test	\$	70.00
20619	Hardness Test (ASTM E18)	\$	80.00
20630 20631	Bolt: Axial Tensile Test (Up to 7/8" diameter) Bolt: Wedge Tensile Test (Up to 7/8" diameter)	\$	55.00
20631	Bolt: Axial Tensile Test (Greater than 7/8"	\$ \$	70.00 75.00
20052	up to 1" diameter)	Ψ	75.00
20633	Bolt: Wedge Tensile Test (Greater than 7/8"	\$	95.00
	up to 1" diameter)		
20634	Bolt: Axial Tensile Test (Greater than 1" diameter)	C	uotation
20635	Bolt: Wedge Tensile Test (Greater than 1" diameter)	G	uotation
20636	Bolt: Proof Load Test (Up to 7/8")	\$	80.00
20637	Bolt: Proof Load Test (Greater than 7/8" up to 1" diameter)	\$	100.00
20638	Bolt: Proof Load Test (Greater than 1")		otation
20639	Nut: Proof Load Test (Up to 7/8")	\$	60.00
20640	Nut: Proof Load Test (Greater than 7/8" up to 1" diameter)	\$	80.00
20641	Nut: Proof Load Test (Greater than 1")	C	uotation
Task			
Code	Chemical Testing of Metal and Steel		Rate
80170	Steel Chemical Analysis	\$	175.00

	Nate
\$	175.00
ting (ASTM A90) \$	80.00
\$	90.00
	\$

Task	Machining and Preparation of Tensile and Bend		P.4
Code	Sample: Carbon Steel		Rate
20751	Machinist: Initial Preparation from Mock-up, Etc.	\$	105.00
20753	(Per Hour) Sawcut to Overall Width (Per 0.5" Thickness or	\$	55.00
20755	Fraction Thereof)	φ	55.00
20755	,	¢	75.00
20755	Machine to Test Configuration: Milled Specimens Machine to Test Configuration: Turned Specimens	\$ \$	145.00
20757		Þ	145.00
20750	(Per 0.5" Thickness or Fraction Thereof)	¢	05.00
20759	Prepare Subsize Specimens (Per 0.5" Thickness	\$	95.00
	or Fraction Thereof)		
Task			
Code	Charpy Impact		Rate
20621	Charpy Impact Ambient Temperature	\$	95.00
20623	Charpy Impact Reduced Temperature	\$	125.00
20020	charpy impact reduced remperature	Ψ	120.00
Task			
Code	Machining of Charpy Samples: Carbon Steel		Rate
20780	Cutting and Milling (Per 0.5" or Fraction Thereof)	\$	85.00
20783	Final Machining to Sample Configuration	\$	95.00
Task	Prestressing Wires and Tendons,		
Code	(ASTM A416)		Rate
20701	Stress-Strain Analysis: Wire or Strands	\$	200.00
	(Including Chart and Percent Offset)		
20703	Tensile Test Only	\$	145.00
20705	Tendons		Quotation
Task	Polymer Matrix Composite Materials		
Code	(Fiberwrap)		Rate
20706	Tensile Strength – Set of 5 Specimens/batch/	\$	1,350.00
	direction (ASTM D3039)		
20707	Tensile Strength – Additional Specimens	\$	250.00
	(ASTM D3039)		
20708	Heating Chamber Time – Per 24 hr period	\$	95.00
Task	Calibration Services and Universal Machine		
Code	Usage		Rate
20801	Calibration/Verification Services		Quotation
20803	Universal Test Machine Usage (Per Hour)	\$	400.00
•	The Transfer Division		P.4
	c Tile Testing Division amic Tile Institute of America (CTIOA) and Twining worked together to ac		Rate
	amic Tile Institute of America (CTIOA) and Twining worked together to ac technology designed to enhance the quality of materials and workmansh		
	tile industry. A separate schedule of fees for these services is available u		
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Cylic and Fatigue Testing Programs on Special Products/Parts	Quotation
Engineering and Technical supports/Design of Prototypes and Special	
Test Set-Up	Quotation
Fastener/Coupling Full Testing Program Per New Regulations: Tension,	
Tension/Bend, Shear, Double Shear, 8 Compressions	Quotation
Fiberglass/Composite Materials Field Testing Program (ASTM D1143	
D1242, D2584, D4065, D4476, D4923, D7901, D7921, and D732)	Quotation
Field Testing of Structures and Structural Elements	Quotation
In-Place Shear Testing	Quotation
Materials and/or Product Evaluation Per Specifications	Quotation
Structural Dynamic Testing and Durability Analysis	Quotation