



# Department of Transportation Engineering and Management

University of Engineering & Technology, Lahore – 54890, (Pakistan)



Phone: (042) 99029125

Fax: (042) 99250202

Dated: 17-01-2023

## Testing Rates Conducting by Department

Campus: UET Main Campus  
Dean Faculty of: Civil Engineering  
Department: Transportation Engineering and Management  
Lab Name: Geo Materials Testing Lab

Sr. No	Name/Title of Test	Rate per Test (Rs.)
1	Moisture Content (Oven Dry Method)	250
2	Sieve Analysis	800
	Sieve Analysis (Aggregate)	800
3	Hydrometer Analysis	1000
4	Liquid Limit and Plastic Limit	800
5	Unconfined Compression Test	1000
6	Direct Shear Test	1500
	Consolidation Test	4500
7	Swell Pressure	1500
	swell Potential	1500
8	Standard Proctor Compaction Test (Soil)	3000
	Modified AASHTO Compaction Test (Soil)	3500
9	Standard proctor Compaction Test (Aggregate)	4000
	Modified AASHTO Compaction Test (Aggregate)	4500
10	One Point CBR Test (Soaked) (Soil)	4500
11	One Point CBR Test (Soaked) (Aggregate)	5000
12	Three Point CBR Test (Soaked) (Soil)	7000
13	Three Point CBR Test (Soaked) (Aggregate)	8500
14	Field Density Test	2000
15	Organic Impurities	3000
16	Sulphate Content, Chloride Content PH Value Organic Matter Content, TDS Note: (These Test are Performed in Chemistry Department)	500
17	Los Angeles Abrasion Test	3000
18	Unit Weight (Laboratory Test)	250
19	Specific Gravity	500
20	Shape Test (Flaky and Elongation Index)	2500
21	Soundness Test	6000
22	Specific Gravity and Water Absorption	1500

Director  
Geo Materials Testing Lab  
Department of Transportation  
Engineering and Management

Chairman  
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## Testing Rates Conducting by Department

Campus: UET Main Campus  
Dean Faculty of: Civil Engineering  
Department: Transportation Engineering and Management  
Lab Name: Asphalt and Concrete Mix Design Lab

Sr. No	Name/Title of Test	Rate per Test (Rs.)
1	Penetration	3000
2	Penetration of Residue	3000
3	Ductility	1500
4	Ductility of Residue	1500
5	Specific Gravity	1500
6	Foaming Test	1500
7	Softening Point	1500
8	Solubility	1500
9	Thin Film Oven Test	1500
10	Adhesion/Stripping Test	2000
11	Fire Point Test	1500
12	Flash Point Test	1500
13	Bitumen Content Determination	4500
14	Gradation/Sieve Analysis	1500
15	Specific Gravity and Water Absorption	1500
16	Thickness of Cores	500
17	Penetration on Extracted Bitumen	4000
18	Bitumen Characterization by AASHTO-M-20 Complete	15000
19	Marshall Mix Design	50000
20	Marshall Stability on loose Mix	20000
21	Maximum specific Gravity of Asphalt Mix	3000
22	Dynamic Shear Rheometer (DSR) Complex Shear Modulus and Phase Angle (4 Temperatures-2 Replicates)	42000
23	Rolling Thin Film Oven (RTFO) Short Term Aging + Mass Loss	36000
24	Pressure Aging Vessel (PAV) Long Term Aging (20 Hours Testing)	54000
25	Bending Beam Rheometer (BBR) Creep Stiffness and M-Value (3 Temperatures-2 Replicates)	60000
26	Rotational Viscometer (RV) (4 Temperatures-2 Replicates)	24000
27	High Temperature PG Grade Evaluation	120000
28	Low Temperature PG Grade Evaluation	210000
29	Complete Performance Grade (PG) Evaluation + Rotational Viscometer (RV)	360000
30	Resilient Modulus	15000
31	Dynamic Modulus	15000
32	Recovery of Asphalt Using Rotary Evaporator	15000

Director

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Campus: UET Main Campus  
Dean Faculty of: Civil Engineering  
Department: Transportation Engineering and Management  
Lab Name: Traffic Engineering Lab

Sr. No	Name/Title of Test	Rate per Test (Rs.)
1	Hot Applied Thermoplastic Road Marking Materials (White and Yellow) <ul style="list-style-type: none"><li>Determination of Percentage of Binder Content in Paints</li><li>Determination of Percentage of Aggregates in Paints</li><li>Determination of Softening Point of Paints Binder</li><li>Measurement of Flow Resistance of Thermoplastic Paints</li></ul>	4,000 4,000 4,000 4,000

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Traffic Engineering Lab  
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