



GENERAL INSTRUCTION NO 11 DATED 13 OCT 2017

**CONDUCT OF CIVIL ENGINEERING TESTS AND FIXATION OF CONSULTANCY
CHARGES AND RATES**

1. The Sikkim Manipal Institute of Technology is receiving a considerable number of requests from out side agencies for conducting tests related to Civil Engineering Works on payment basis. The Department of Civil Engineering of SMIT is having well equipped laboratory with experienced faculty members, the requests for conducting the tests of out side agencies is tenable at SMIT.
2. Accordingly, the Institute has obtained the approval of Hon'ble Vice Chancellor, Sikkim Manipal University, Gangtok (Sikkim) to take on the consultancy assignment.
3. The rates and charges of various tests and experiments have deliberately been worked out as per details given below :-

MATERIAL TESTING LAB

Sl. No	Name of the test	Rate per set of 3 specimen (Rs.)
(a) Test on Cement (1 brand)		
(i)	Specific Gravity	1500.00
(ii)	Fineness	1500.00
(iii)	Standard Consistency	1500.00
(iv)	Setting time (Initial/final)	2000.00
(v)	Compressive Strength	3000.00
(vi)	Soundness	3500.00
(b) Test on sand		
(i)	Specific Gravity	1500.00
(ii)	Sieve Analysis	2500.00
(iii)	Bulking of Sand	2000.00
(iv)	Bulk Density	1500.00
(v)	Free Moisture Content	1500.00
(vi)	Water Absorption	2000.00
(c) Test on Coarse aggregate		
(i)	Specific Gravity	1500.00
(ii)	Sieve Analysis	2500.00
(iii)	Crushing Value	2500.00
(iv)	Impact Value	2500.00
(v)	Abrasion Value	2500.00
(vi)	Flakiness Index Test	2000.00
(vii)	Elongation Index Test	2000.00
(viii)	Water Absorption	1500.00



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(d)	Compression Test on Cubes	2400.00
(e)	Compression Hollow Block	3000.00
(f)	Compression Solid Block	3000.00
(g)	Compression Paving Block	3000.00
(h)	Compression Test on Wood	3000.00
(i)	Test on Bricks	
	(i) Water Absorption	1500.00
	(ii) Compressive Strength	2500.00
	(iii) Efflorescence	2000.00
(j)	Concrete Mix Design (upto M 25)	20000.00
(k)	Concrete Mix Design (above M 30)	25000.00
(l)	Workability Test on Concrete	2000.00

ENVIRONMENTAL ENGINEERING LAB

Sl. No.	Name of the test	Rate per specimen/set
(a)	pH Measurement	1000.00
(b)	Acidity in Water	2000.00
(c)	Alkalinity in Water	2000.00
(d)	Hardness (Total)	1500.00
(e)	Fluorides	2000.00
(f)	Calcium	2000.00
(g)	Residual Chlorine	2000.00
(h)	Chlorine Demand	2000.00
(i)	Chlorides	2000.00
(j)	Dissolved Oxygen	2000.00
(k)	BOD (5 days)	3000.00
(l)	COD	5000.00
(m)	Total Nitrogen	2000.00
(n)	Settable Solids	2000.00
(o)	Suspended Solids	1000.00
(p)	Dissolved Solids	1000.00
(q)	Fixed Suspended/ Dissolved Solids	1500.00
(r)	Iron	3000.00
(s)	Sulphates	3000.00
(t)	Coagulant Dosage	3000.00
(u)	Turbidity	3000.00
(v)	Suitability of Drinking Water	15000.00



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SOIL MECHANICS LAB

Sl. No.	Name of the test	Rate per specimen/set
(a)	Specific Gravity	1000.00
(b)	Field Density	1200.00
	(i) Core Cutter	2500.00
	(ii) Sand Replacement	3000.00
(c)	Grain Size	2000.00
(d)	Atterberg Limit (LL, PL, PI, Flow)	2500.00
(e)	Shrinkage Limit	2000.00
(f)	Permeability (remolded)	3000.00
(g)	Standard Compaction Test	3000.00
(h)	Modified Compaction Test	4000.00
(i)	CBR Test (Soaked)	3500.00
(j)	CBR Test (Un-soaked)	3000.00
(k)	UCC Test	2000.00
(l)	Direct Shear Test (Drained)	2000.00
(m)	Direct Shear Test (Undrained)	2000.00

4. Requisition for all types of test/consultancy services with all relevant details should be submitted to the office of 'The Director, Sikkim Manipal Institute of Technology'.
5. Test samples/specimens in required quantity are required to be supplied to the laboratory in sealed bag(s) duly authenticated by the competent authority.
6. In addition to the respective testing charges mentioned above, all other charges including GST as applicable from time to time will be charged.
7. All payments are required to be made in advance through online transaction. The A/C details for online transaction are mentioned below :-
 Sikkim Manipal Institute of Technology,
 CA# 30565669293
 State Bank of India, Majitar, Bank Code: 09034
 IFSC Code: SBIN0009034, MCIR Code: 737002006
8. In special cases, the HOD in consultation with the Principal Investigator/Consultant (Faculty Member) and with approval of the Director, SMIT may modify the charges within a limit of ten percent (10%) of above rates.
9. The charges for various tests will be revised from time to time in every five years through comparison with rates/charges of the premier Institutes such as IITs and NITs.
10. This General Instructions will come into effect with immediate effect.

Place : Majitar, Rangpo

Dated : 3 Oct 2017

To,

1. Joint Director.
2. All Associate Directors/All HODs/HOOs
5. Suchana (Faculty)



(Dr. A. Garg)
Director