

Testing Charges

Sl. No.	Division	Name of Equipment	Test to be performed	Existing Charges		Revised Charges		Reference charges
				Institute/ Industry	Student	Institute/ Industry	Student	
1	BCD	Fat ANALYZER	Fat ANALYSIS	NIL	NIL	500	300	
2	BCD	Flame Photometer	determine concentration of metal ion (k,Na,Li,Ca,Ba)	NIL	NIL	500	300	500 per sample
3	BCD	COD analyzer	measure amount of oxygen required to chemically oxidize organic compounf	NIL	NIL	600	300	400 per sample
4	BCD	HPLC	Sugars, organic acids and alcohols	2000	500	2000	750	Acedmic -500, statrtup_800, INDUSTRY-800 per hour
5	BCD/ CCD	UV-Vis Spectrophotometer	Absorbance	500	250	600	300	Acedmic -1000, gov R&D_1500, INDUSTRY-3000
6	BCD	Lyophilizer	Drying bioactive compounds	1500	1000	2000	1500	330/day (max 10ml sample)
7	BCD	Fibretech	Compositional analysis	3000	2000	10000	5000	
8	BCD	GC	Biogas composton	1000	500	1500	750	student /faculty -1000, gov R&D_1800=18% industry -2500+18%GST
9	BCD	Hot air oven and Muffle furnace	Proximate analysis (Moisture, Volatile matter, Ash Content and Fixed Carbon)	1500	750	2500	1000	650/sample

10	BCD	Karl Fischer Titrator	Moisture in gases	2000	1500	2500	1500	Academic -400, startup_400 INDUSTRY-800
11	BCD	BOD Analyser	BOD	600	400	800	400	
12	BCD	Junker's calorimeter	Calorific value in gases	100	500	1500	750	
13	BCD	Portable Biogas Analyzer	Biogas composition	1000	750	1000	750	
14	BCD	Portable Dew point Analyzer	Moisture analysis in gas	600	400	600	400	
15	BCD	BMP Analyzer	BMP Potential	40000	25000	40000	25000	
16	BCD	Kjeldahl Analyzer	N2/ Protein content	NIL	NIL	2000	1000	
17	ECD	Metrohm Autolab PGSTAT204	Corrosion Tests, Electroplating, Cyclic voltammetry, Impedance Spectroscopy and other electrochemical Tests	NIL	NIL	4000	2000	Academic & Educational Institution Charges : ₹ 590.00 R & D National Laboratory Charges : ₹ 826.00 Industry Charges : ₹ 944.00 International Charges : ₹ 2,360.00
18	ECD	ElvaX ProSpector-LE Hand Held XRF Analyzer	Elemental analysis through X-ray fluorescence	NIL	NIL	1500	1000	

19	ECD	TGA 3000 Automatic Proximate Analyzer	Proximate Analysis	NIL	NIL	1500	1000	Academic Institutes: Rs. 2000/- per sample Govt R&D Organizations: Rs. 3000/- per sample Private firms/Industries: Rs. 4000/- per sample
20	TCD	Bomb Calorimeter	Calorific Value as per IS 17654	2000	1000	2500	1500	
21	TCD	CHNS Analyzer	CHNS-O Analysis as per IS 17832	5000	3000	6000	3000	
22	TCD	Automatic Moisture Analyzer	Moisture Analysis	NIL	NIL	500	300	Academic Institutes: Rs-200 per sample Industries: Rs.400/- per sample
23	TCD	HGI Tester	Hardgrove Grindability Index	NIL	NIL	3000	1500	
24	TCD	Tumbling Mill	Mechanical Durability of Biomass Pellets	NIL	NIL	500	300	Academic Institutes: Rs-500 per sample Organizations /Industries: Rs. 1000/- per sample
25	TCD	Sieve Shaker	Fines Content in Biomass Pellets	NIL	NIL	1000	500	Academic -300 STARTUP-300 INDUSTRY-500
26	TCD	Testing setup for thermal efficiency, CO, CO ₂ , and Particulate Matter analysis, Moisture analyzer, CV analyzer etc.	Performance Testing of Domestic Size Biomass Cookstove as per BIS (IS 13152) Protocol	25000	25000	25000	25000	

27	TGD	Testing setup for thermal efficiency, CO, CO2, and Particulate Matter analysis, Moisture analyzer, CV analyzer etc.	Performance Testing of Domestic Size Biomass Cookstove as per ISO Protocol	25000	25000	25000	25000	
28	TCD	Testing setup for thermal efficiency, CO, CO2, and Particulate Matter analysis, Moisture analyzer, CV analyzer etc.,	Performance Testing of Community Size Biomass Cookstove as per BIS (IS 13152) Protocol	40000	40000	40000	40000	
29	TCD	Testing setup for thermal efficiency, CO, CO2, and Particulate Matter analysis, Moisture analyzer, CV analyzer etc.,	Performance Testing of Community Size Biomass Cookstove as per ISO Protocol	40000	40000	40000	40000	
30	CCD	BET Surface area Analyser	Surface properties of solids	NIL	NIL	2500	1500	Academic & Educational Institution Charges : ₹ 1500 With GST
32	CCD	FTIR	Material Characterization	NIL	NIL	2500	1000	Academic & Educational Institution Charges : ₹500 (GST CHARGES EXTRA)

Charges for services rendered

S.No.	Components	Scope of WORK	Existing charges	Revised Charges	Remark
1	DPR Preparation	Time spared: 30-45 days Consultancy: 2,00,000/-; Expert Charges: 2,00,000 Field survey (Feedstock, site, application): 3,00,000-4,00,000/-; Site visit: 50,000/-; Report Writing: 25,000/-	2,75,000- 10,00,000/- for 5 TPD BioCNG (25-50 % increase on increasing the plant size)	2,75,000- 10,00,000	Further may be negotiable at the discretion of DG, NIBE
				1. BioCNG/CBG 5 TPD (50 % increase on increasing the plant size)	
				2. Pellets/ Briquettes (BioCoal/Biomass) 100 TPD (50 % increase on increasing the plant size)	
				3. Biodiesel 30 KLPD (50 % increase on increasing the plant size)	
				4. Bioethanol/ 2 G ethanol 10 KLPD (50 % increase on increasing the plant size)	
2	DPR and Feasibility study evaluation	Time spared: 5 days Consultancy: 1,00,000; Site visit: 50,000/-	1,00,000-1,50,000/- for 5 TPD BioCNG (25-50 % increase on increasing the plant size)	1,00,000	Further may be negotiable at the discretion of DG, NIBE
				1. BioCNG/CBG 5 TPD (50 % increase on increasing the plant size)	
				2. Pellets/ Briquettes (BioCoal/Biomass) 100 TPD (50 % increase on increasing the plant size)	
				3. Biodiesel 30 KLPD (50 % increase on increasing the plant size)	
				4. Bioethanol/ 2 G ethanol 10 KLPD (50 % increase on increasing the plant size)	
3	Technical Consultancy	Time spared: 30 days Consultancy 5,00,000/- Site visit: 50,000/- each visit	10,00,000 for 5 TPD BioCNG (25-50 % increase on increasing the plant size)	10,00,000	Further may be negotiable at the discretion of DG, NIBE
				1. BioCNG/CBG 5 TPD (50 % increase on increasing the plant size)	
				2. Pellets/ Briquettes (BioCoal/Biomass) 100 TPD (50 % increase on increasing the plant size)	
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