

Website

CEO	
No:	Date: 24/06/2022
GM	Manager



GOVERNMENT OF KERALA

Abstract

Industries Department- Revision of rates for various services rendered by CFSC, Changanachery and CFSC, Manjeri- Fixed- Orders Issued

INDUSTRIES (B) DEPARTMENT

G.O.(Rt)No.580/2022/ID Dated, Thiruvananthapuram, 23-06-2022

Read 1) GO(Ms) No.139/09/ID dated 07-11-2009

2) GO(Rt)No.746/2020/ID dated 09-09-2020

3) Letters No.DIC/1231/2019-TC-T4 dated 20.06.2021 and 16.02.2022 of the Director of Industries & Commerce

ORDER

As per Order read as 1st above, Government fixed the rates to be realized for various services/facilities rendered by the Common Facility Service Centre, Changanachery and Common Facility Service Centre, Manjeri. And as per Order read as 2nd above, Government constituted a Committee to examine the revision of rates for the services rendered by the Common Facility Service Centres.

2) As per paper read as 3rd above, the Director of Industries & Commerce submitted proposal to Government to revise the rates for various services rendered by CFSC, Changanachery and CFSC, Manjeri as recommended by the Committee constituted for that purpose.

3) Government have examined the proposal in detail and are pleased to order that the following rates will be realized for various services/ facilities rendered by the aforesaid Common Facility Service Centres as detailed below.

RATES FOR THE SERVICES RENDERED BY CFSC, MANJERI

Rubber Division	
Name of service	Rates (Rs)
Rubber Mixing Mill (16''x42'')	360
Rubber Extruder (4 1/2'')	175

	120
Calendering Machine	165
Hydraulic Press (18''x18'')	120
Screw Press (24''x24'')	
Tool Room Division	
Surface grinder sfw-1	210
Universal Milling Machine Fn-24	210
Cylindrical Grinder K-130	160
Lathe NH 26	330
Lathe NH 22	220
Tool And Cutter Grinder Gtc/287	150
Radial Drilling Machine Rm 62	230
Power Hacksaw	60
Welding Set 300 A	130
Plaining Machine	135
Shaping Machine	105
Flexible Shaft Grinder	55
Service Charge/ Rent Rate Of Chain Blocks	
5 Ton X 3mtr. Lift	400
1 Ton X 3mtr. Lift	200
Laboratory Division	
Physical testing Charges	
Compound Preparation	300/-+Material cost Max.300gm
Tensile properties before ageing	520
Tensile properties before and after ageing	600
Tear Strength before ageing	400
Tear Strength before & after ageing	470
Shore Hardness (Both Durometer & IHRD)	200
Compression test	400
Abrasion resistance	400
Rheograph (Cure Time)	520
Flex resistance	650
Split tear strength	350
Bulk Density	200
Relative Density	200
DRC Determination	80
PH Determination	80
Project work	4000
Trainings	
Training Fee per day For Entrepreneurs	200
Training Fee per day For Students	200

Training - Package charge for students (5 days) Max. 15 students	7500
User fee for training infrastructure	Rate as fixed by PWD from time to time
Fee and Concessions for Incubation process (New scheme)	
Registration fee for an incubatee(individual/Group /institution)	5000
Service Charge applicable for first year of registration	70%
Service Charge applicable for Second year of registration	80%
Service Charge applicable for Third year of registration	90%
Service Charge applicable for Fourth year of registration	100%

RATES FOR THE SERVICES RENDERED BY CFSC. CHANGANACHERY

Name of Service	Rates (Rs)
Plastic Division	
EXTRUDER	260
AGGLOMERATOR	158
INJECTION MOULDING	250
Grinder	79
Stretch blow moulding machine PET	182
Twin Screw extruder	340*
Hot air Oven	40
Rubber Division	
Hydraulic press (24" x 18")	180
Mixing Mill (16" x 42")	180
Tool Room Division	
Shaping machine	110
Planing Machine	120
NH 26 HMT Lathe	330
Lathe 6 ft	200
Radial Drilling Machine RM 62	130
Welding Machine	130
Hack saw cutter	75

3/4 " Drilling machine	80
Surface grinder	152
Flexible shaft grinder	70
CNC Milling	350
Drilling Machine 1 1/2"	43
HMT Milling Machine	182
Laboratory Division	
Physical testing	
Charges	
Compound Preparation	300/-+Material cost Max. 300gm
Tensile properties before ageing	520
Tensile properties before and after ageing	600
Tear Strength before ageing	400
Tear Strength before & after ageing	470
Shore Hardness (Both Durometer & IHRD)	200
Compression test	400
Abrasion resistance	400
Rheograph (Cure Time)	520
Flex resistance	650
Split tear strength	350
Bulk Density	200
Relative Density	200
Comparative evaluation of polymers/ Fillers/Rubber chemicals/ Other Additives	2342
De Mattia/Rossflexing	520
Gauge	100
3 D printing	235*
Tensile properties of thin sheets	214
Melt flow index	265
Static and kinetic friction	228
Dart impact test	299
Digital opacity test	153
Carbon content	256
ESCR test	332
VSP	399
HDI	399

1. LATEX	
Dry Rubber content (DRC)	80
Total Solid Content (TSC)	100
Ammonia	67
VFA No. (Volatile Fatty Acid)	250
KOH No.(Potassium Hydroxide)	176
Mechanical Stability Test(MST)	103
Sludge	176
Coagulum	150
Copper	212
Manganese	212
Magnesium	103
Iron	212
Viscosity	103
Complete test as per BIS	1434
2. DRY RUBBER	
Dirt	103
PO and PRI	67
Ash	300
Nitrogen	150
Volatile matter	100
Acetone extract	700
Rubber hydrocarbon	1500
Carbon black	300
Complete test as per BIS Specification	2000
3. COPPER SULPHATE / COPPER OXY CHLORIDE	
Copper content	261
Matter insoluble in water	133
Soluble Iron and Aluminum	261
PH	103
4. ZDC	
Purity	520
Melting point	133
Specific gravity	133
Volatile Matter	67
Viscosity	103
5.ZMBT	
Purity	520

6. TMTD

Melting point	133
Solubility	133
7. SODIUM SULPHATE	
Purity	520
8. SODIUM BISULPHATE	
Purity	520
9. SLUDGE	
Nitrogen	339
Phosphorous	339
Potassium	339
10. FERTILIZER	
Fertilizer NPK	1301
Nitrogen	520
Phosphorous	520
Potassium	520
Magnesium	339
11. SULPHUR	
Sulphur content	339
Sieve Test	176
Ash content	79
Acidity	261
Moisture	67
Bulk Density	182
Analysis of Sulphur (Sulphur content only) & Accelerators	472
12. ZINC OXIDE	
Zinc oxide content	339
Specific gravity	182
Acidity as H ₂ SO ₄	103
Moisture content	67
Matter soluble in water	103
Matter insoluble in HCl	103
Loss of ignition	103
Sulphur content	339
Volatile Matter	67
Manganese	237
Copper	237
Iron	237
Lead	237
Matter soluble in 14% Acetic acid	133

6.TMTD	
Melting point	133
Solubility	133
7.SODIUM SULPHATE	
Purity	520
8.SODIUM BISULPHATE	
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Volatile Matter	67
Manganese	237
Copper	237
Iron	237
Lead	237
Matter soluble in 14% Acetic acid	133

Metallic Zinc content	133
Analysis of Zinc oxide (Zinc content only)	472
13. MAGNESIUM SILICATE	
Calcium	182
Magnesium	182
Neutralizing value	182
14. DI -AMMONIUM HYDROGEN PHOSPHATE	
Purity	600
PH	79
Phosphate	237
Ammonia	133
Calcium	182
Matter insoluble in water	133
15. STEARIC ACID/LAURIC ACID	
Saponification value	339
Acid value	261
Iodine value	261
Mineral acidity	133
Ash	97
Melting point	133
16. CALCIUM CHLORIDE / NITRATE	
Calcium	157
Chloride	157
Nitrate	157
17.SULPHURIC ACID/FORMIC ACID	
Percentage Purity	370
18. BARIUM SULPHATE	
Barium as sulphate	520
19. TYRE FLAPS	
Edge Gauge	133
Joint Adhesion Test	394
Tensile properties before ageing	394
Complete test as above	1561
20. SURGICAL GLOVES (AS PER BIS 4146-1967)	
Acidity of Water extract	261
Protein Estimation	908
21. LATEX FOAM	
a.Hardness	79

b. Ageing test	653
c. Copper	261
d. Manganese	261
e. Compression test at constant strain	261
f. Whole sample compression	261
Complete test as above	1767
22. LATEX TREAD	
a. Tensile properties before ageing	315
b. Tensile properties after ageing	394
c. Tension	261
d. Yield	261
e. Count	212
Complete test as above	1434
Estimation of carbon black	653
Estimation of Polymer	653
Estimation of Total Sulphur	67
Chemical Analysis of Rubber Chemicals	1174
Polymer Identification	653
Rubber to Metal Bonding Strength	771
Percentage of Insoluble Sulphur	520
Rubber fabric adhesion	520
Ash Content	394
Acetone Extractable	520
Ball Milling/Batch	653
Charges for one week training in Lab	2596
Project work	4000

Remarks

<u>1</u>	Twin screw extruder	Minimum Charge of Rs. 500 shall be charged for using the machine for less than one hour.
<u>2</u>	3D printing machine	1. Preparation time will be added as half an hour for each printing and minimum charge will be fixed as rs.250/- for printings below one hour duration 2. Total charges will be calculated by adding machine charge with actual cost of plastic raw materials consumed for printing with 20% wastage

Trainings	
Training Fee per day For Entrepreneurs	200
Training Fee per day For Students	200
Training - Package charge for students (5 days) Max. 15 students	7500
User fee for training infrastructure	Rate as fixed by PWD from time to time
Fee and Concessions for Incubation process	
Registration fee for an incubate (individual/Group /institution)	5000
Service Charge applicable for first year of registration	70%
Service Charge applicable for Second year of registration	80%
Service Charge applicable for Third year of registration	90%
Service Charge applicable for Fourth year of registration	100%

(By order of the Governor)
SUMAN BILLA
PRINCIPAL SECRETARY

To:

The Director of Industries & Commerce, Thiruvananthapuram

The Director, CFSC, Changanachery

The Director, CFSC, Manjeri

The Principal Accountant General (Audit/A&E), Kerala,
Thiruvananthapuram

Finance Department (Vide No. 1403549/I&PW-A3/2019-Fin dated
06-06-2022)

Planning & Economic Affairs Department

✓ The CEO, K-bip (for publishing in the website of Industrial
Department)

The Information & Public Relations (Web & New Media)
Department

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