



**TAMIL NADU POLLUTION CONTROL BOARD
FORM-II**

**Application for consent under section 25/26 of the Water (Prevention and Control of Pollution) Act 1974,
as amended (Central Act 6 of 1974)**

(See rule 26 of Tamil Nadu Water (Prevention and Control of Pollution) Rules, 1983)

(To be submitted in Duplicate)

1. [a] Full Name of the applicant : M MALA
(Occupier of the unit)
- [b] Designation : Managing Trustee
- [c] Office address with pin code : M/s. Tagore Educational Trust,
27-29, Tilak Street, T.Nagar,
Chennai - 600 017
,600017
- [d] Factory address with pin code : Rathinamangalam, Vandalur Taluk,
Chengalpattu ,600127
- [e] Phone no. with STD code : 044-30101111
- [f] Fax no. with STD code : -
- [g] Email Id : tagoremch@gmail.com
- [h] Website address :
- [i] Mobile No. : 9841730327
2. Full Name of the Unit : TAGORE MEDICAL AND
DENTAL COLLEGE CAMPUS
WITH HOSPITAL (TAGORE
EDUCATIONAL TRUST)
3. Location of the unit :
- [a] Survey No/TS No : 83, 84 (P), 87/4, 87/7, 89/1B (P),
92/1, 92/2, 92/3, 92/4, 93/1, 93/2,
93/3A, 93/3B, 93/4, 94/1, 94/4, 94/5,
94/6, 94/7, 95/1A, 95/1B, 95/1C,
95/1D, 95/2, 97/1, 97/2, 97/3, 97/4,
97/5, 97/6, 97/7, 97/8, 97/9, 97/10,
97/11, 97/12A, 97/12B, 97/13,
126/1, 126/2A, 126/2B, 126/2C,
126/2D, 126/3, 126/4B, 126/8,
126/9B, 127/1, 127/2, 127/3,
127/4A, 127/4B, 127/5, 127/6,
127/7, 127/8, 127/9A, 127/9B,
127/10, 127/11, 127/12, 127/13,
127/14, 127/15, 127/16, 128/1,
129/1A, 129/1B, 129/1C, 129/2A,
129/2B, 129/3A, 129/3B, 130/1A,
130/1B, 130/2, 130/3, 130/4,
130/5A, 130/5B, 131/1, 131/2A,
131/2B, 131/3, 131/4, 131/5, 131/6,
132/1, 132/2, 132/3, 132/5, 132/6A,
132/7, 132/8, 132/9, 132/11, 132/12,
132/13A, 132/13B, 132/14, 132/16,
132/17, 132/18, 132/19A, 132/19B,
133/1A, 133/1B, 133/1D1, 133/1D2,
133/2A, 134/1A2A, 134/1A2B,
134/1B, 134/2, 136/1, 136/2, 136/3,
136/4, 136/5
- [b] Village/Town : RUTHIRAMANGALLAM
- [c] Taluk : VANDALUR
- [d] District : Chengalpattu

4. Local body Name & Type : KATTANKULATHUR Panchayat Union
5. Land Status : Owned
- Extent of land (in Hectares) :
- [a] Total : 10.6957
- [b] Build up area : 2.975
- [c] Solid waste Storage/Disposal area : 0.1925
- [d] Green Belt/Irrigation area : 3.6043
- [e] Vacant area {a-(b+c+d)} : 3.9239
6. Details of raw materials used :

SL.No.	Name of the raw material	Quantity	Unit	Principal Use
1.	Educational Institution Comprising of Medical and Dental College Campus with Hospital of 818 beds, Gents Hostel, Ladies Hostel, Staff Quarters, Nurses Quarters, Animal House, and Amenities with total Built up area of	91595	Sq.m	

7. Details of fuel used :

SL.No.	Name of fuel	Points of use	Quantity in T/d	Calorific Value	Ash Content	Sulphur Content
1.	High Speed Diesel	DG Sets	0.15			

8. Details of products manufactured :

SL.No.	Name of the product	Quantity	Unit	End Use
	Products			
1.	Educational Institution Comprising of Medical and Dental College Campus with Hospital of 818 beds, Gents Hostel, Ladies Hostel, Staff Quarters, Nurses Quarters, Animal House, and Amenities with total Built up area of	91595	Sq.mts	
	By Products			
	Intermediate Products			

9. Manufacturing Process :

Educational Institution Comprising of Medical and Dental College Campus with Hospital of 818 beds, Gents Hostel, Ladies Hostel, Staff Quarters, Nurses Quarters, Animal House, and Amenities with total Built up area of 91595 Sq.m

10. [a] Water Source Details :

SL. No.	Source Type.	Source Name	Quantity
1.	Private Tanker	Tanker Water	395.0
2.	Recycled Water	Recycled water from STP & ETP	370.0

- [b] Water Consumption Details :

SL. No.	Source Consumption	Quatity (KL/D)
1.	WC-II: Domestic	368.0
2.	Lab & Operation	27.0
3.	Toilet Flushing	206.0
4.	Laundry	12.5
5.	Green belt & OSR	151.5

11. Details of sewage/trade effluent generation :

a). Sewage Generation Details

Total Sewage Generation Quantity :488.00 KLD		
S.No.	Source	Quantity(KLD)
1.	Sewage	488.0

b). Trade Effluent Generation Details

Total Trade effluent Generation Quantity : 37.00 KLD		
S.No.	Source	Quantity(KLD)
1.	Trade Effluent from Lab and Laundry	37.0

12. Details of Sewage/effluent treatment plant :

a). Sewage Treatment Plant Details

Treatment status: Individual STP

SL. No.	Name of the Treatment Unit	No. of Units	Dimensions in metres
1.	STP 1	1	175 KLD Capacity
2.	Bar Screen	1	0.5m X 0.5 m
3.	Collection Tank	1	5m X 4 m X 3.5 m
4.	Aeration Tank	1	4.0m x 3.0m x 4.0m
5.	Settling Tank	1	2.15m x 3.0m x 4.0m
6.	Clarified Water Tank	1	2.0m x 3.0m x 4.0m
7.	Treated Water Tank	1	2.0m X 3.0m X 4.0m
8.	STP 2	1	175 KLD Capacity
9.	Bar Screen	1	0.5m X 0.5 m
10.	Collection Tank	1	5m X 4 m X 3.5 m
11.	Aeration Tank	1	4.0m x 3.0m x 4.0m
12.	Settling Tank	1	2.15m x 3.0m x 4.0m
13.	Clarified Water Tank	1	2.0m x 3.0m x 4.0m
14.	Pressure Sand Filter (Common for STP 1 & 2)	1	1.3m Dia X 1.5m HOS
15.	Activated Carbon Filter (Common for STP 1 & 2)	1	1.5m Dia X 1.5m HOS
16.	Treated Water Tank	1	2.0m X 3.0m X 4.0m
17.	Filter Press (7 Plates) Common for STP 1 & 2	1	0.47m x 0.47m
18.	UV Disinfection System (Common for STP 1 & 2)	1	20 m3/hr
19.	STP 3	1	175 KLD Capacity
20.	Bar Screen	1	0.5m X 0.5 m
21.	Collection Tank	1	5m X 4 m X 3.5 m
22.	Aeration Tank	1	4.0m x 3.0m x 4.0m
23.	Settling Tank	1	2.15m x 3.0m x 4.0m
24.	Clarified Water Tank	1	2.0m x 3.0m x 4.0m
25.	Pressure Sand Filter	1	1.3m Dia X 1.5m HOS
26.	Activated Carbon Filter	1	1.5m Dia X 1.5m HOS
27.	Treated Water Tank	1	2.0m X 3.0m X 4.0m
28.	Filter Press (7 Plates)	1	0.47m x 0.47m
29.	UV Disinfection System	1	20 m3/hr

b). Trade Effluent Treatment Plant Details

Treatment status: Individual ETP

SL. No.	Name of the Treatment Unit	No. of Units	Dimensions in metres
1.	ETP	1	65 KLD Capacity
2.	Collection Tank	1	3.0 X 3.0 X 2.0
3.	Neutralization Tank	1	1.2 X 1.2 X 3.0
4.	Settling Tank	1	2.0 X 2.0 X 2.5
5.	Pressure Sand Filter	1	0.6m Dia X1.62m HOS
6.	Activated Carbon Filter	1	0.6m Dia X1.62m HOS
7.	Sodium Hypo Dosing System	2	10LPH
8.	RO System	1	4000LPH
9.	Treated Water Tank	1	3.0 X 2.5 X 2.5
10.	Sludge Drying Beds	4	2.0 X 2.5

13. Details of sewage/trade effluent disposal :

a). Sewage Disposal Details

S.No.	Description of Outlet	Quantity(KLD)	Disposal
1.	Sewage	488.0	Toilet Flushing - 206 KLD, Gardening & OSR- 151.5 KLD, Avenue Plantation - 71 KLD, Dust Suppression - 51.5KLD & Evaporation Loss - 8 KLD

b). Trade Effluent Disposal Details

S.No.	Description of Outlet	Quantity(KLD)	Disposal
1.	Treated Effluent	37.0	Laundry - 12.5 KLD, Dust Suppression - 17.5 KLD & Landscape - 7KLD

14. [a] Details of Non Hazardous Solid Wastes :

SL. No.	Nature of Solid Waste	Quantity	Unit	Mode of disposal	Area of land earmarked for storage/disposal(in sq.Metre)
1.	Biodegradable Solid Waste	888	Kgs/Day	Waste treated in Organic Waste Convertor within the project site. Manure generated will be used for gardening	
2.	Non Biodegradable Solid Waste	1332	Kgs/Day	Disposed to authorized recyclers	
3.	Bio Medical Waste	392	Kgs/Day	Disposed to authorized CBMWTF	
4.	STP Sludge	60	Kgs/Day	Dried and used as manure for greenbelt development	
5.	E-Waste	1	T/A	Disposed to TNPCB authorized handler	

14. [b] Details of Hazardous Waste :

SL. No.	Name of Process	Name of Process Waste (Category No)	Quantity T/Y	Waste Type	Waste Storage	Waste Disposal	Area earmarked for Storage/Disposal
1.	5. Industrial operations using mineral or synthetic oil as lubricant in hydraulic systems or other applications (Schedule I)	5.1- Used or spent oil	0.2	Recyclable	MS Drums	Recover and Reuse-CPCB Authorized recyclers	

15. Total Gross Fixed Assets (GFA) (Rs. in Lakhs) : 19672.0

16. Cost of water Pollution Control Measures (Rs. in Lakhs) : 80

17. No. of Employees working per day (including contract workers) : 915

18. Date of commissioning : 01/09/2010

19. Details of habitation: (All the habitation :
located within 1KM radius of the unit)

SL.No.	Name of habitation	Distance in Kms	Population
1.	Rathinamangalam	0.5	2500

20. [a] Name of the nearby Roadways : SH-121 (Vandalur-Kelambakkam road)
[b] Distance from the site in Kms : 0.5
21. Details of water bodies like lakes/rivers/canals within a radius of 1 KM and rivers within a radius of 5KM :
[a] Name of the Water Source :
[b] Distance (in meters) :
22. [a] Land use classification of the site : Educational Use Zone
[b] Authority which classified the land use : D T C P
- 23 Name and distance of the sensitive area like places of Archeological importance, National Park, Wild Life World Sanctuary, Marine National Park, Mangrove Forests, Reserved Forests, Marsh Lands if any located within 10 KM radius of the unit : Arignar Anna Zoological Park
24. Is the unit is located within 1 Km from marine coastal area (sea, estuaries, back waters) : NO
If yes please mention the distance from the unit :
25. Name and address of all Directors/Partners :

SL.No.	Name of Partner	Designation	Address
1.	M Mala	Managing Trustee	Rathinamangalam, Chengalpattu taluk, Kancheepuram
2.	Rajasekar	Trustee	Rathinamangalam, Chengalpattu taluk, Kancheepuram
3.	Hari Narayana moorthi	Trustee	Rathinamangalam, Chengalpattu taluk, Kancheepuram

List of Documents as per rule:-

1. Copy of sale Deed /Lease Deed or any other relevant documents as proof to ensure possession of the site/factory for which application is made by the applicant. (Attached)
2. Sale Deed - 2 part (Attached)
3. Sale Deed - 3 part (Attached)
4. Sale Deed - 4 part (Attached)
5. Sale Deed - 5 part (Attached)
6. Sale Deed - 6 part (Attached)

7. Sale Deed - 7 part (Attached)
8. Sale Deed - 8 part (Attached)
9. Sale Deed - 9 part (Attached)
10. Sale Deed - 10 part (Attached)
11. Sale Deed - 11 part (Attached)
12. Sale Deed - 12 part (Attached)
13. Sale Deed - 13 part (Attached)
14. Sale Deed - 14 part (Attached)
15. Sale Deed - 15 part (Attached)
16. Sale Deed - 16 part (Attached)
17. Sale Deed - 17 part (Attached)
18. Sale Deed - 18 part (Attached)
19. Copy of Memorandum of Articles in case of Public/Private sectors or registered partnership deed in case of partnership company. (Attached)
20. Trust Deed - 2 part (Attached)
21. Layout plan showing the location of various process equipments, utilities like boiler, generator etc, effluent treatment plant, outlet location, non-hazardous and hazardous waste storage yard. (Attached)
22. Planning Permission (Attached)
23. Completion Certificate (Attached)
24. Topo sketch showing the distance of water bodies, roads, existing/proposed residential areas, agricultural lands, important religious locations, educational institutions, ancient monuments, archeological places and other sensitive areas for 1 KM. radius from the units. (Attached)
25. Solid Waste Calculation (Attached)
26. Water Supply & Disposal Letter (Attached)
27. Land use classification certificate as obtained from CMDA / DTCP/LPA. (Attached)
28. Details of Water Balance and wastewater balance for process. (Attached)
29. Sewage Treatment Plant(STP) proposal which must contain details of design characteristics of sewage, treatment methodology, mode of disposal, design criteria for various units, detailed drawing of STP and its layout, diagram showing the hydraulic profile and mode of disposal of treated sewage and its adequacy(If applicable). (Attached)
30. Effluent Treatment Plant(ETP) proposal which must contain details including breakup quantity of water requirement with sources, breakup quantity of trade effluent, sources of trade effluent, characteristics of wastewater, treatment methodology, mode of disposal, design criteria for various units, detailed drawing of ETP and its layout, diagram showing the hydraulic profile and mode of disposal of treated effluent and its adequacy(If applicable). (Attached)
31. Industries attracting EIA Notification shall submit Environmental Clearance obtained from the MOEF/SEIAA along with the Environmental Impact Assessment Report (If applicable). (Attached)
32. EC Amendment Copy - 2Pt (Attached)
33. EC Amendment Copy - 3Pt (Attached)
34. EC Amendment Copy - 4Pt (Attached)
35. Compliance Report - EC Amendment (Attached)
36. Consent Order - Hospital (Attached)
37. Compliance Report - Hospital (Attached)
38. Consent Order - College (Attached)
39. Compliance Report - College (Attached)
40. Newspaper (Attached)
41. A covering requisition letter stating the status of the industry and activities clearly. (Attached)
42. Audited Balance sheets indicating the existing Gross fixed Assets of the industry alone for the periods ending Previous financial Years (or) Auditor Certificate with break up details for the Existing Gross fixed Assets for the periods ending Previous financial Years duly certified by a Chartered Accountant in the prescribed format. Audited balance sheet is compulsory for all large and medium scale Industries (Attached)
43. Consent fee under Water and Air Acts payable to the Board. (Attached)
44. Environmental Clearance - 1Pt (Attached)
45. Environmental Clearance - 2Pt (Attached)

46. Detailed manufacturing process for each product along with detailed process flow chart. (Attached)
47. Details of Material balance for each products and process. (Attached)
48. Reply to Query (Attached)

Declaration

1. I certify that all the information / data supplied are true and I have not suppressed any relevant information. I am aware that furnishing incorrect information / suppression of relevant information attracts the penal action under section 42 of Water (P&CP) Act, 1974 as amended.
2. I hereby undertake to make a fresh application for consent in case of change of either of a product/point of discharge or of the quantity of discharge or its quality.
3. I hereby undertake to abide by the directions/instructions issued by the Board from time to time.
4. I hereby undertake to apply for consent to operate/renewal of consent along with the required details 30 days prior to the expiry of consent order.

Signature of the Applicant
Name and Designation

Place :

Date :