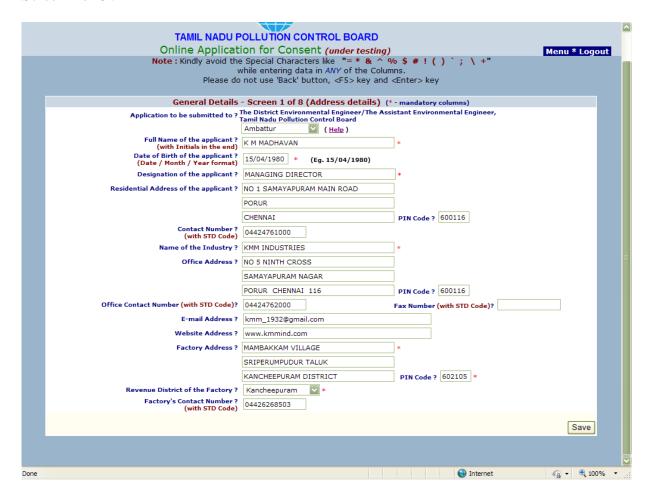
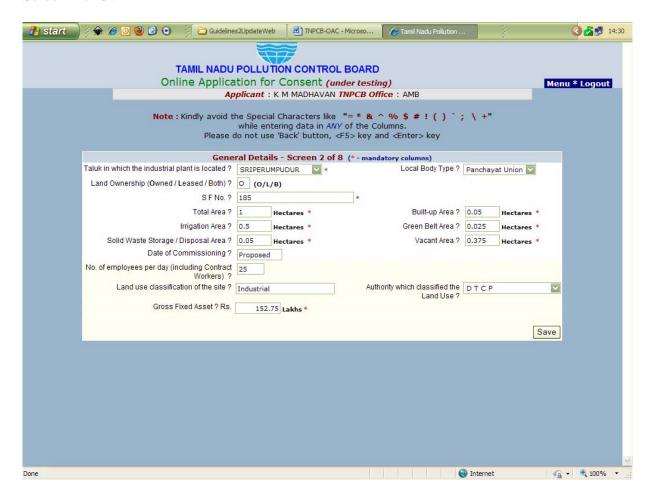
### **Tamil Nadu Pollution Control Board**

# Online Application for Consent Sample filled-up Application Form

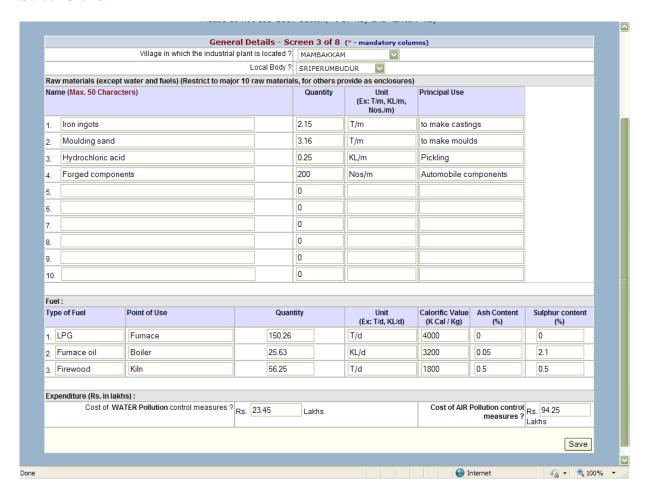
#### Screen 1 of 8:



#### Screen 2 of 8:



#### Screen 3 of 8:



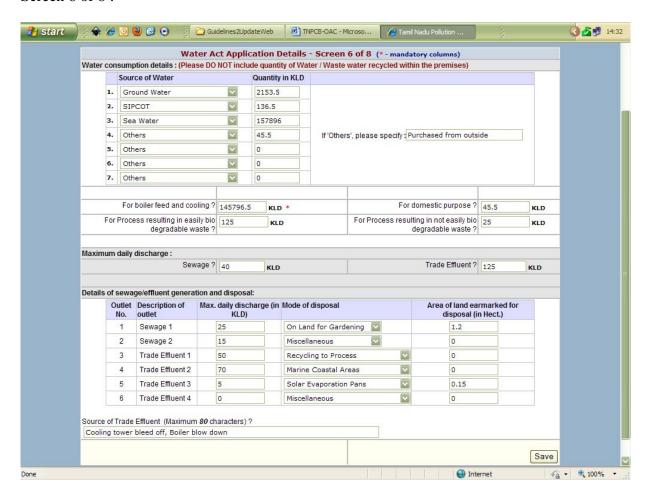
### Screen 4 of 8:

e of the Pro	duct			Type of Product	Quantity	(Fx· T/m	Unit , KL/m, Nos./i	End Use	
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2 Aluminiu		ote		Intermediate	5.32	T/1		Castings	*
3	iii iiig	0.5		Intermediate	0	177		Custings	•
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	ed withi	om Sea Shore / Back Waters in 1 KM from the Sea Shore ( labitation Name		s', the distance from th	e Sea Shore (1 to 9999)  Distance (in Kilo I ('0' in case 'within H	letres)	Metres	Population (in thousands	<b>s</b> )
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### Screen 5 of 8:

mission	Details (Enter major 20 sources, others	Air Act Applicat  provide as Annexure		oc. cen o				
SI. No.	Source of Air Pollution & Emission Category & Control Measures	Stack top dimension (in Mts.)		Gas quantity (in m3/hr)	Flue gas temp (in Deg C)	Material of construction	Exit gas velocity (in Mt./Sec.)	Fan/Blower Capacity (in HP)
1	Furnace	0.120	25.6	11.02	42	Mild Steel	25.3	2
	Point Source	1	20.0		1		20.0	
	Wet Scrubber							
2	Boiler	0.300	45.5	152.36	125	Concrete	15.5	5
	Point Source and Noise	0.300	45.5	152.50	123	Concrete	15.5	] [3
	Electro Static Precipitator							
3		0.05	10.50	F0.00	00	B : 1	00.5	
,	Kiln	0.25	12.58	58.69	86	Brick	20.5	3
	Point Source, Fugitive and Noise							
	Bag filter Water sprinkler			_				
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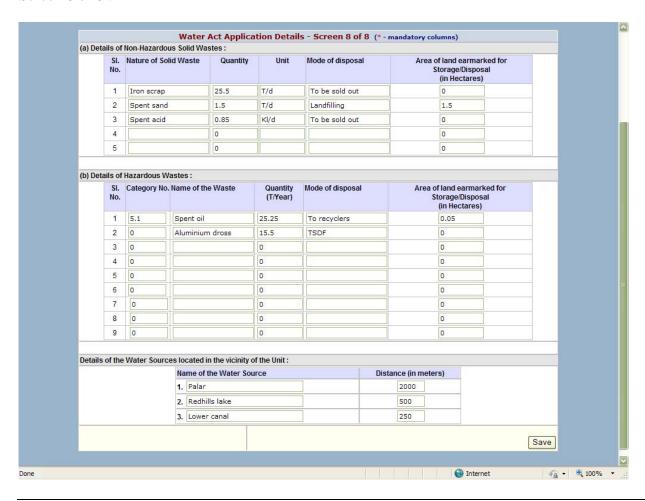
### Screen 6 of 8:



### Screen 7 of 8:



### Screen 8 of 8:



### Sample Online Application for Consent – FORM I (Air Act)



## APPLICATION FOR CONSENT UNDER SECTION 21 OF THE AIR (PREVENTION AND CONTROL OF POLLUTION) ACT, 1981 AS AMENDED (CENTRAL ACT 14 OF 1981)

[See rule 7 of the Tamil Nadu Air (Prevention and Control of Pollution) Rules 1983] (TO BE SUBMITTED IN DUPLICATE)

#### Application for : First Consent

[a] Full name of the applicant (Occupier of the unit)

: K M MADHAVAN

[b] Designation

: MANAGING DIRECTOR

[c] Office address with PIN Code

: NO 5 NINTH CROSS SAMAYAPURAM NAGAR PORUR CHENNAI 116 PIN Code: 600116

[d] Factory address with PIN Code

: MAMBAKKAM VILLAGE SRIPERUMPUDUR TALUK KANCHEEPURAM DISTRICT Kancheepuram District PIN Code : 602105

[e] Phone No. with STD Code

: 04426268503

[f] Fax No. with STD Code [g] E-mail ID

: kmm\_1932@gmail.com

[h] Web site ID

: www.kmmind.com

Full name of the unit

: KMM INDUSTRIES

Location of the unit :

Done 3 Location of the unit :

: 185

[a] Survey No/TS No.

: MAMBAKKAM

[c] Taluk [d] District

[b] Village/Town

: SRIPERUMPUDUR

: SRIPERUMBUDUR Panchayat Union

: Kancheepuram

Local body (Corporation/Municipality/Town Panchayat/Panchayat Union/ Others)

Extent of land [a] Total Area

: 1 Hectares

[b] Built up Area

: 0.05 Hectares

[c] Solid waste Storage/Disposal Area

: 0.05 Hectares

[d] Green Belt / Irrigation Area

: 0.025 Hectares / 0.5 Hectares

[e] Vacant Area

#### Details of Raw Materials used:

Name	Quantity	Unit	Principal Use
1. Iron ingots	2.15	T/m	to make castings
2. Moulding sand	3.16	T/m	to make moulds
3. Hydrochloric acid	0.25	KL/m	Pickling
4. Forged components	200	Nos/m	Automobile components

#### Details of Fuel used :

Туре	Point of use	Quantity	Unit	Calorific Value	Ash Content	Sulphur Content
1. LPG	Furnace	150.26	T/d	4000	0	0
2. Furnace oil	Boiler	25.63	KL/d	3200	0.05	2.1
3. Firewood	Kiln	56.25	T/d	1800	0.5	0.5



Details of Products manufactured :

Date of commissioning

Name	Туре	Quantity	Unit	End Use
1. Iron castings	Product	25.362	T/m	Hydraulic components
2. Aluminium ingots	Intermediate Product	5.32	T/m	Castings

: The raw materials are tested, melted. moulded and air cooled. The castings are subjected to surface Manufacturing process

treatment and despatched.

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

12 Details of Emission/Noise Sources

Source	Emission	Control	Stack Details						Fan/Blower/
	Category	Measures	Material of construction	Diameter (in metres)	Height above GL (in Metres)	velocity		Maximum discharge (in Cu.m./Hr.)	(in HP)
1. Furnace	Point Source	Wet Scrubber	Mild Steel	0.120	25.6	25.3	42	11.02	2
2. Boiler	Point Source and Noise	Electro Static Precipitator	Concrete	0.300	45.5	15.5	125	152.36	5
3. Kiln	Point Source, Fugitive and Noise	Bag filter Water sprinkler	Brick	0.25	12.58	20.5	86	58.69	3

: Proposed

13 Total Gross Fixed Assets (GFA) : Rs.152.75 Lakhs

Cost of Air Pollution control measures : Rs.94.25 Lakhs

15 Details of habitation (All the habitations located within 1KM radius of the unit) :

Hab	bitation Name	Distance (in KMs.)	Population (in 1000s)
1.	Mambakkam	1.25	5.6
			Internet

at 9.82 Kms.

[a] Name of the nearby Roadways and Type of the Road (NH / SH / MDR / ODR) : Chennai - Bengalure Highway : NH

[b] Distance from the site in Kms. : 0.234 Kms.

17 [a] Land use classification of the site : Industrial [b] Authority which classified the land use : DTCP

18 Name and distance of the sensitive area like places of Archeological importance, National Park, Wild Life Birds sanctuary, Marine National Park, Mangrove Forests, reserved forests, marsh lands if any located within 10 KM radius : Pulicat lake

of the unit

coastal area (sea, estuaries, back waters) ? If Yes please mention the distance from the

19 Is the unit is located with in 1 Km from marine

20. Name and address of all Directors / Partners : Separate sheet enclosed.

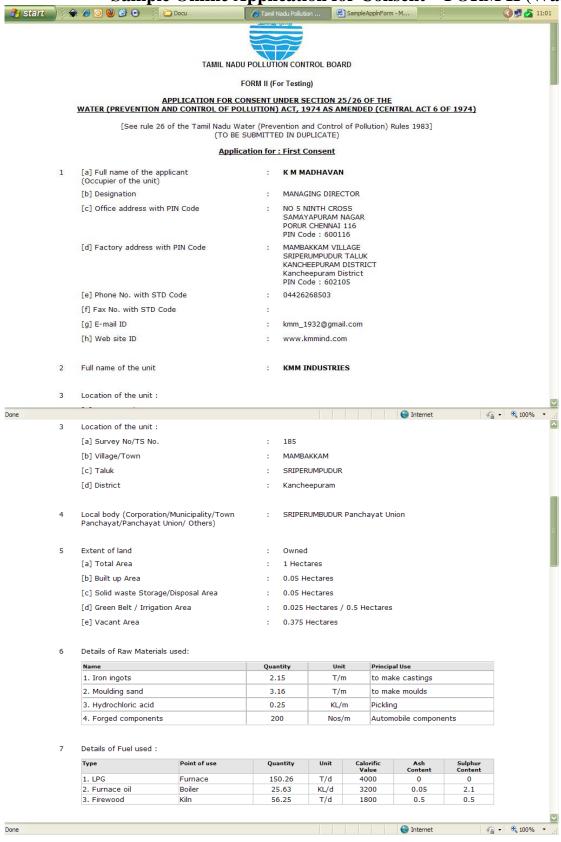
#### Declaration:

- 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 Chapter VI of the Air (Prevention & Control of Pollution) Act, 1981 as amended.
- 2. I hereby undertake to make a fresh application for consent in case of change in either of a product/point of discharge or in quantity of emission or of 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.

Place : Date : 14/06/2011

Signature of the Applicant Name and designation

Sample Online Application for Consent – FORM II (Water Act)



Details of Products manufactured :

Name	Туре	Quantity	Unit	End Use
1. Iron castings	Product	25.362	T/m	Hydraulic components
2. Aluminium ingots	Intermediate Product	5.32	T/m	Castings

: The raw materials are tested, melted, moulded and air cooled. The castings are subjected to surface treatment and despatched. Manufacturing process

← 100% ← 10

10a. Water Consumption details :

Source of water	Quantity (in KLD)
1. Ground Water	2153.5
2. SIPCOT	136.5
3. Sea Water	157896
4. Others ( Purchased from outside )	45.5

For Domestic purposes : 45.5

For Boiler feed and cooling : 145796.5

For Process resulting in easily bio degradable waste : 125
For Process resulting in not easily bio degradable waste : 25
waste

TOTAL : 145992

10b. Maximum daily discharge :

40 KLD Trade Effluent : 125 KLD Sewage :

11 [a] Details of sewage/effluent generation and disposal :

Description of outlet	Max. daily discharge in KLD	Disposal mode	Area of land earmarked for disposal
1. Sewage 1	25	On Land for Gardening	1.2
2. Sewage 2	15	Miscellaneous	0
3. Trade Effluent 1	50	Recycling to Process	0
4. Trade Effluent 2	70	Marine Coastal Areas	0
5. Trade Effluent 3	5	Solar Evaporation Pans	0.15

[b] Source of Trade Effluent  $\,$  : Cooling tower bleed off, Boiler blow down

12 Details of Sewage / Effluent treatment plants :

[a] Type of ETP : Individual ETP

[b] Structural components

Structural components of SEWAGE TREATMENT PLANT			
Name of the treatment unit	No. of units	Dimension (m)	
1. Collection tank	2	3.5x2.5x1.8	
2. Aeration tank	1	6.25x1.5x2.3	
3. Secondary settling tank	1	3.5x2.5x2.5	

Structural components of TRADE EFFLUENT TREATMENT PLANT				
Name of the treatment unit	No. of units	Dimension (m)		
1. Equalisation tank	1	12.5x2.6x1.8		
2. Nutralisation tank	1	10.5x2.5x2.5		
Sludge drying beds	8	1.5x1.5x1		

13 [a] Details of Non-Hazardous Solid Wastes :

Nature of Solid Waste	Quantity	Unit	Disposal mode	Area of land earmarked for storage/disposal (in Hectares)
1. Iron scrap	25.5	T/d	To be sold out	0
2. Spent sand	1.5	T/d	Landfilling	1.5
3. Spent acid	0.85	KI/d	To be sold out	0

[b] Details of Hazardous Wastes:

Category No.	Nature of Solid Waste	Quantity (T/month)	Disposal mode	Area of land earmarked for storage/disposal (in Hectares)	
1. 5.1	Spent oil	25.25	To recyclers	0.05	
2. 0	Aluminium dross	15.5	TSDF	0	

14 Total Gross Fixed Assets (GFA) : Rs.152.75 Lakhs

15 Cost of Water Pollution control measures : Rs.23.45 Lakhs

16 No. of Employees working per day : 25 No. of Employees working per day

(including contract workers)

: 25

Date of commissioning

: Proposed

18 Details of habitation (All the habitations located within 1KM radius of the unit) :

Habitation Name	Distance (in KMs.)	Population (in 1000s)
1. Mambakkam	1.25	5.6

[a] Name of the nearby Roadways and Type of the Road (NH / SH / MDR / ODR)

Chennai - Bengalure Highway

: 0.234 Kms.

[b] Distance from the site in Kms.

Name of the Water Source	Distance (in meters)	
1. Palar	2000	
2. Redhills lake	500	
3. Lower canal	250	

20 Details of water bodies like lakes/rivers/canals within a radius of 1 KM and rivers within a radius of 5 KM :

[a] Land use classification of the site : Industrial

[b] Authority which classified the land use : DTCP

Name and distance of the sensitive area like places of Archeological importance, National Park, Wild Life Birds sanctuary, Marine National Park, Mangrove Forests, reserved forests, marsh lands if any located within 10 KM radius of the unit

Pulicat lake at 9.82 Kms.

23 Is the unit is located with in 1 Km from marine coastal area (sea, estuaries, back waters) ?

If Yes please mention the distance from the

z. keaniiis iake 3. Lower canal 250

> 21 [a] Land use classification of the site : Industrial [b] Authority which classified the land use : DTCP

Name and distance of the sensitive area like places of Archeological importance, National Park, Wild Life Birds sanctuary, Marine National Park, Mangrove Forests, reserved forests, marsh lands if any located within 10 KM radius of the unit

Pulicat lake at 9.82 Kms.

23 Is the unit is located with in 1 Km from marine coastal area (sea, estuaries, back waters) ?

If Yes please mention the distance from the

unit

24 Name and address of all Directors / Partners : Separate sheet enclosed.

- 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 the wATER (Prevention & Control of Pollution) Act, 1974 as amended.
- 2. I hereby undertake to make a fresh application for consent in case of change in either of a product/point of discharge or in quantity of emission or of 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.

Place: Date: 14/06/2011 Signature of the Applicant Name and designation

€ 100% Internet