

**GOVERNMENT OF PUDUCHERRY  
DEPARTMENT OF SCIENCE, TECHNOLOGY AND ENVIRONMENT  
PUDUCHERRY POLLUTION CONTROL COMMITTEE  
ANNA NAGAR, PUDUCHERRY-605 005.**

**PROFORMA FOR SUBMITTING INFORMATION FOR OBTAINING N.O.C.  
FROM POLLUTION ANGLE**

**1. General**

- 1.1 Name of the industry :
- 1.2. Address for correspondence :

1.3. Name and address of applicant for :  
industrial licence

1.4 Name and address of consultant :  
appointed if any

1.5 Name, designation and address of :  
official authorised to deal with this  
questionnaire

1.6 Date on which letter of intent was :  
issued

**2. Process Details:-**

2.1. Production Schedule :

2.1.1. List of main product products :  
proposed to be produced with  
designed daily production capacity

2.1.2. List of by- produced with designed :  
daily production capacity

2.1.3. Time phasing for achieving full :  
production capacity

2.2. Raw Materials Consumption :

2.2.1 List of all materials with daily :  
consumption at full production  
capacity

2.2.2. List of all processing chemical :  
materials, raw materials consumed  
with approximate quantities

2.2.3. Is any recycled materials from the :  
waste of your industry or any other

industry used in the process? If so, please specify quantities and source

2.2.4. Is any materials salvaged from your waste stream re-usable economically for any other purpose? If so, please specify details of quantities and probable use

2.3 Manufacturing Process :

2.3.1. Sources of process know-how in house/National laboratory/foreign/others(specify)

2.3.2. Have you considered less Pollution process alternative? If yes, the reasons for adopting the present process

2.3.3 Give a brief description of the process technology utilised with a flow chart

2.3.4 Have you any foreign collaboration? if so, know-how and equipment for pollution control available to you under the terms of collaboration?

2.4 Energy Consumption :

2.4.1 Source of energy :

a) In plant generation :

b) Public supply :

c) D.G set ( in KVA) :

2.4.2 If energy is generated in plant, type and quantity of fuel daily consumed

Particulars	Fuel	Coal	Fuel	Oil	Diesel	Natural Gas	Wood	Other (Specification)
Daily Consumption in tonnes								
Calorific value								
Ash content %								
Sulphur content %								
Other (specify)								

3. **Location :-**

- 3.1. Where is the plant proposed to be located? :  
Attach map
- 3.1.1. Elevation above mean sea-level :
- 3.2. Area of land proposed to be acquired :
- 3.2.1. Area to be developed :
- 3.3. Present use of the land- :  
Agriculture/Forest/Grazing/Settlement/Fallow and population
- 3.4. Indicate the nature of topography near the site : Plains/ Valley / Hilly
- 3.4.1. Specify location : Coastal / Estuary / River / Land  
locked
- 3.5. Indicate the climatic conditions at the site :  
(e.g. arid, semi-arid)
- 3.5.1. Rainfall-Yearly average range :
- 3.5.2. Temperature-Yearly average range :
- 3.5.3. Information on speed and direction of wind :
- 3.6. Is the land situated within and Municipal or :  
Corporation Jurisdiction? If so, please specify
- 3.7. Is the land situated in an approved industrial :  
zone or estate? If so, please specify
- 3.8. What are the following features exist within :  
20kms. Of the site?
1. Agriculture land (specify crops) :
2. Grazing land :
3. Fisheries :
4. Forest/Sanctuary/NatyrakPark/Biosphere :  
reserves
5. Nullahs/Streams/Rivers :
6. Ponds/ Lakes / Dams :
7. Estuary / Sea :
8. Hills / Mountains :
9. Monuments :
10. Settlements and population :
11. List of Industries :

4. **Township:-**

- 4.1. Proposed employment :
- Do you propose to build a township / housing  
/ quarters for your employees?

- 4.1.1. Area allocated for above :
- 4.1.2. Population to be accommodated :
- 4.1.3. Distance from township to-plant site :
- 4.1.4. Services provided in township:- :
  1. Water supply-daily consumption :
  2. Sewer system :
  3. Sewage treatment :
5. **Water requirements:-**
- 5.1.1. Source of water-public supply/Ground/River/Lake/ Estuary :
- 5.1.2. If it is ground, whether the borewell is existing / proposed (along with depth particulars) :
- 5.1.3. Is any pre-treatment necessary for use? If yes, please specify :
- 5.1.4. Average daily quantities consumed for average daily use/ consumption- :
  1. Process and wash :
  2. Cooling :
  3. Sanitary :
  4. Gardening
  5. Total :
- 5.1.5. Area adequate quantities available ? :
  1. At present :
  2. For future expansion :
6. Waste Water discharges:- :
- 6.1.1. Total quantity of waste water discharges from the industry per day :
- 6.1.2. Waster water discharges per day from:- :
  1. Process and wash :
  2. Cooling :
  3. Sanitary :
  4. Total : Separate Streams / Combined
- 6.1.3. How do you proposed to discharge the waste water? :
- 6.1.4. Type of treatment proposed to be adopted Give details and flow chart :

- 6.1.5. What standards for quality of treated affluent :  
have you proposed to adopt it? (e.g. ISI  
state/Central Water Pollution Board, Local  
Authority of other conformly with S/C)
- 6.1.6. Mode of final discharge-open channel/pipeline :  
covered drains/others
- 6.1.7. Point of final discharge -Land/Agricultural :  
land / Sewer/ River / Lake /Bay/ Estuary /  
Sea
- 6.1.8. What methods you propose to adopt for :  
handling and disposal of sludge from  
treatment plant?
- 6.1.9. Indicate available information on waste water :  
characteristics as below
- |                         |   |                         |
|-------------------------|---|-------------------------|
| a) Physical Temperature | : | b. Chemical             |
|                         |   | Acidity                 |
|                         |   | Total and PH            |
| PH                      | : | Alkalinity Total and PH |
| Colour                  |   | Hardness, total         |
| Turbidity               |   | S.O.D.                  |
| Odour                   |   | C.O.D.                  |
| Total solids            |   | Oil and grease          |
| Total suspended solids  |   | Total N                 |
| Total volatile solids   |   | Phosphates, total       |
|                         |   | Chlorides               |
|                         |   | Sulphates               |
|                         |   | Sodium                  |
|                         |   | Potassium               |
|                         |   | Calcium                 |
|                         |   | Magneium                |
- 6.1.10. What other specific toxic substance is :  
discharged? Please specify nature and  
concentration (Inorgancis, organics including  
pesticides and organchlorine compounds,  
phenoic, lionin, mercaptans heavy metals and  
radioactive substances)
7. **Solid Wastes-** : Process Treatment Plants
- 7.1. Total quantity of solid wastes in tones per day :
- 7.2. Nature of wasters : Lumos / Granules / Dus / Slurry  
/ Sludge
- 7.3. Approximate composition (e.g. organics, glass, :  
metal, etc.
- 7.4. Method proposed fro disposal, Including : Landfill/Dumpling/Composting  
treatment plant sludge, Please give details /Incineria
- 7.5. Have you considered the possibility of recovery :  
and reutilization of any portion of the solid  
wastes? If yes give details
- 7.6. Have you any problems regarding collection, : Yes/No  
handing and transport on solid wastes? If yes,  
specify
- 7.7. Are there any problems of subsequent :

pollution of air, water or soil likely at the place of disposal of solid wastes? If yes please explain, indicating the method proposed for prevention of such pollution

8. Atmospheric Emissions- :
- Emission from fuel burning :
- Expected quantity of stack emission :
- Temperature of emission :
- Composition of emission :
- a) Particulates :
- b) Gases- :
1. Sulphur dioxide :
2. Nitrogen oxides :
3. Hydrocarbons :
4. Carbon monoxide :
5. Others (specify) :
- 8.2. Emission from process :
- Expected emissions quantity :
- Temperature:- :
- a) Particulates :
- Name and Quantity :
- b) Gases:- :
1. Sulphur dioxide :
2. Nitrogen oxide :
3. Carbon monoxide :
4. Ammonia :
5. Acid mists :
6. Halogens :
7. Hydrocarbons :
8. Mercaptans :
9. Others / specify :
- c) Boiler :
- Fuel :
- d) Gassifier :
- Fuel :
- 8.3. Height of stack (S) for atmospheric emission :
- 8.4. Proposed air pollution control system give :

details specifications (e.g. Collectors, Precipitators, Scrubbers etc)

- 8.5. Proposed method of handling and disposal of waste trapped by pollution arresting equipment :
- 8.6. Are any standards of emission prescribed for or adopted by your industry ? If yes, please specify : Yes/No
9. **Other sources of pollution:**
- 9.1. Is your industry likely to cause noise pollution ? If yes, What noise abatement programme have you planned? : Yes/No
- 9.2. Is there any odour problem likely to occur from you Industry? If yes, what measures are proposed to be taken ? : Yes/No
- 9.3. Is there any thermal pollution of surface Waters likely to occur from your industry discharges ? If yes, What measures are proposed to be taken ? : Yes/No
10. **Pollution Control Management-** :
- 10.1. Give details of the organ set up for control, you propose to have :
- 10.2. What is the level of expertise of the person-in-charge of pollution control? :
- 10.3. Do you propose to monitor the pollution your industry ? if yes, give details :
- 10.4. What laboratory facility you propose to have for above? :
- 10.5. Give details of operation and maintenance of facilities you propose to have pollution control equipment, treatment plants :
11. **Cost of Pollution Control:**

Total expenditure proposed for pollution monitoring and control	Amount Rs.	Percentage recurring	Total expenditure	Capital

12. Investment details:

**Capital:**

**Recurring:**

**Land:**

**Building:**

**Plant and Machinery:**

**Other Fixed Assets:**