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GOVERNMENT OF PUDUCHERRY

DEPARTMENT OF SCIENCE, TECHNOLOGY AND ENVIRONMENT
PONDICHERRY 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 offcial 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 products proposed to be produced with designed daily production capacity :

2.1.2. List of by-products 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 materilas, raw materials consumed with approximate quantities :

2.2.3. Is any recycled material 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 material 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. Source of process know-how in house/National laboratory/foreign/others (specify) :

2.3.2. Have you considered less polluting 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 :

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

	Fuel Coal	Fuel Oil	Diesel	Natural gas	Wood	Others (specify)
Daily consumption in tonnes						
Calorific value						
Ash content %						
Sulphur content %						
Others (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 : Plans / 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 jurisdicton ? If so, please specify :

3.7. Is the land situtated in an approved industrial zone or estate? If so, please specify :

3.8. What are the following features exist within 20 kms. of the site ?

(1 Agricultural and (specify crops) :

(2) Grazing land :

(3) Fisheries :

(4) Forest/Sancturary/Natyrak Park/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. 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) Total :

5.1.5. Are adequate quantities available ? :

(1 At present :

(2) for future expansion :

6. **Waste water discharges -**

6.1.2. Total quantity of waste water discharges from the industry per day :

6.1.2. Waste water discharges per day from-

(1 Process and wash :

(2) Cooling :

(3 Sanitary :

(4) Total :

6.1.3. How do you propose to discharge the waste water ? : Separate Streams/Combined

6.1.4. Type of treatment proposed to be adopted. Give details and flow chart :

6.1.5. What standards for quality of teated affluent have you proposed to adopt to it? (*e.g.* ISI State/ Central Water Pollution Board, Local Authority of other conformity with S/C) :

6.1.6. Mode of final discharge-open channel/pipeline/ covered drains/others :

6.1.7. Point of final discharge-Land/Agricultrual land/ sewer/River/Lake/Bay/Estuary/Sea :

6.1.8. What methods you propse to adopt for handling and disposal of sludge from treatment plants ? :

6.1.9. Indicate available information on waste water charactertistics as below :

(a) Physical Temperature

PH

Colour
Turbidity
Odour
Total solids
Total suspended solids
Total valatile solids

(b) Chemical
Acidity
Total and PH

Alkalinity
Total and PH

Hardness, total
S.O.D.
C.O.D.
Oil and grease
Total N
Phosphates, total
Chlorides
Sulphates
Sodium
Potassium
Calcium
Magnesium

6.1.10. What other specific toxic substance is discharged? Please specify nature and concentration (Inorganics, organics including pesticides and organochlorine compounds, phenols, joinin, mercaptons-heavy metals and redloacive substances) :

7. **Soild Wastes -** Process Treatment Plants

7.1. Total quantity of solid wastes in tonnes per day :

7.2. Nature of wastes : Lumos/Granules/Dust/Slurry/Sludge

7.3.	Approximate composition (e.g. organics, glass,: metal, etc)		
7.4.	Method proposed for diposal, including treatment plant sludge. Please give details	:	Landfill/Dumping/Composting/Incineration/Solid
7.5.	Have you considered the possibility of recovery and reutilisation of any portion of the solid wastes ? If yes give details	:	
7.6.	Have you considered the possibility of recovery handling and transport on solid wastes ? If yes, specify	:	Yes/No
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--**

8.1.	Emission from fuel burning	:
	Expected quantity of stack emission	:
	Temperature of emission	:
	Composition of emission	:
	(a) Particulars	:
	(b) Gases-	:
	(1) Sulpher dioxide	:
	(2) Nitrogen oxide	:
	(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) Mercaptons	:
	(9) Others/specify	:
8.3.	Height of stack (S) for atmospheric emission	:
8.4.	Proposed air pollution control system give detailed specifications (e.g. Collectors, Precipitators, Scrubbers)	:

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--

9.11. 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 your 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 to control, you propose to have :

10.2. What is the level of expertiate of the person-in-charge of pollution control ? :

10.3. Do you propose to monitor the pollution from your industry ? If yes, give details :

10.4. What laboratory facilities your 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 investment of the industry
Capital				
Recurring				

12. **Any other additional information about : beneficial of adverse environmental impacts from your industry**

Place :

Date :

Signature :

Name :

Designation :

Address :