

- 2.4.2 If energy is generated in plant, type and quantity of fuel daily consumed
- | Fuel | Coal | Fuel Oil | Diesel | Natural Gas | Wood |
|-----------------------------|------|----------|--------|-------------|------|
| 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 proposed to be developed.
- 3.3 Present use of the land - Agriculture/Forest/Grazing/Settlement/Follow & Population
Plains/Valley/Hilly.
- 3.4 Indicate the nature of topography near the site. Coastal/Statuary/River/Land locked.
- 3.4.1 Specify location
- 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 directions of wind.
- 3.6 Is the land situated within any 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, of the following features, exist within 20 Kms. of the site?
- (i) Agricultural land specify crops
 - (ii) Grazing land
 - (iii) Fisheries
 - (iv) Forest/Sanctuary/natural park/ biosphere reserves
 - (v) Nallahs/Streams/Rivers
 - (vi) Ponds/Lakes/Dams
 - (vii) Estuary/Sea
 - (viii) Hills/Mountains
 - (ix) Monuments
 - (x) Settlements and population
 - (xi) 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.
- (i) Water Supply Daily consumption
 - (ii) Sewer System
 - (iii) Sewage Treatment
5. **WATER REQUIREMENTS**
- 5.1.1 Source of Water - Public Supply /Ground River/ Lake/Bay/ Estuary.
- 5.1.2 Is any pre-treatment necessary for use? If yes, please specify.
- 5.1.3 Average Daily quantities consumed for
- (i) Process and Wash Average daily use Consumption
 - (ii) Cooling
 - (iii) Sanitary
 - (iv) Total
- 5.1.4 Are adequate quantities available
- (i) At present
 - (ii) For future extension
6. **WASTE WATER DISCHARGES**
- 6.1 Total quantity of waste water discharges from the industry per day.
- 6.1.1 Waste water discharges per day from :
- (i) Process and Wash
 - (ii) Cooling
 - (iii) Sanitary
 - (iv) Total
- 6.1.2 How do you propose to discharge the waste water ? Separate Streams/Combined
- 6.1.3 Type of treatment proposed to be adopted. Give details and flow chart.
- 6.1.4 What standard of quality of treated effluent have you propose to adopt to it (e.g. ISI, State/Central Water Pollution Control Board, Local Authority of other). Conformity with S/C.
- 6.1.5 Mode of final discharge Open channel/pipeline/covered drains/other.
- 6.1.6 Point of final discharge.
Land/Agricultural
Land/Sewer/River/lake/Bay/Estuary/Sea
- 6.1.7 Is any portion of the waste water proposed to be recycled? If so, give details.
- 6.1.8 What methods you propose to adopt for handling and disposal of sludge from treatment plants ?
- 6.1.9 Indicate available information on waste water characteristics as below :
- A) Physical
 - PH
 - b) Chemical
Acidity;
total and pH Alkalinity;
total and pH

| | | | | |
|-----------|---|--|-----------|--|
| | Colour | Hardness, total | | |
| | Turbidity | | | |
| | Odour | BOD | | |
| | Total Solids | COD | | |
| | Total Suspended Solids | Oil and grease | | |
| | Total Volatile Solids | Total N Phosphates, Chlorides Sulphates Sodium Potassium Calcium Magnesium | | |
| 6.1.10 | What other specific toxic substance us discharged? Please specify nature and concentration (inorganics, organics including pesticides and organo-chlorine compound, phenols, lignin mercaptans, heavy metals and radioactive substances) | | | |
| 7. | SOLID WASTES | Process | Treatment | |
| 7.1 | Total quantity of solid wastes in tones per day | | | |
| 7.2 | Nature of waste; Lumps/ Granules/ Dust/Slurry/Sludge | | | |
| 7.3 | Approximate composition (e.g. organic, glass, metal etc.) | | | |
| 7.4 | Methods proposed for disposal including Treatment Plant Sludge. Please give details | Landfill/Dumping/Composition / incineration/solid | | |
| 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, handling and transport of 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. | | Yes/No | |
| 8. | ATMOSPHERIC EMISSION | | | |
| 8.1 | Emission from fuel burning : Expected Quantity of stack Emission : Temperature of Emission Composition of Emission a) Particulate b) Gases : Sulphur dioxide : Nitrogen oxides : Hydrocarbons : Carbon monoxide : Moisture : | | | |

| | | |
|------------|--|--|
| | Other, specify : | |
| 8.2 | Emission from Process : Expected emission quantity : Temperature a) Particulars Nature & quantity b) Gases : i) Sulphur ii) Nitrogen oxide iii) Carbon monoxide iv) Ammonia v) Acid Mists vi) Halogens vii) Hydro carbons viii) Mercaptans ix) Other, 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. | Yes/No |
| 8.6 | Are any standards of emission prescribed for or adopted by your industry. If yes, please specify. | Yes/No |
| 9. | OTHER SOURCE 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 problems 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 industrial discharge : If yes, what measures are proposed to be taken? R/A | |
| 10. | POLLUTION CONTROL MANAGEMENT | |
| 10.1 | Give details of the Organic set up for control you purpose to have. | |
| 10.2 | What is the level of expertise of the person in-charge of pollution control? | |
| 10.3 | Do you purpose to monitor the pollution from your industry. If yes, give details. | Yes/No |
| 10.4 | What laboratory facilities you purpose to have for the above ? | |
| 10.5 | Give details of operation and maintenance of facilities you purpose to have pollution control equipment treatment plants. | |
| 11. | COST OF POLLUTION CONTROL | |
| 11.1 | Total Expenditure proposed for pollution monitoring and control. Amount | Percentage of total capital investment/ operating expenditure of the industry. |

12. Any other additional information about beneficial or adverse environmental impacts from your industry.

Place :

Date :

Signature

Name

Designation

Address

Encl : (i) SITE PLAN
(ii) LOCATION PLAN

UNDERTAKING

I/We hereby solemnly declare and undertake as under :-

1. That I/We shall obtain consent of the H.P. State Pollution Control Board as required under section 25 of the Water (Prevention & Control of Pollution) Act, 1974.

OR/AND

Under Section 21 of the Air (Prevention & Control of Pollution) Act, 1974.

2. That I/We shall provide and Commission Effluent Treatment Plant/Electrostatic Precipitators or other Anti Pollution Devices, as the case may be, in the industry before its coming into production for the prevention control and abatement or Water/Air pollution; and
3. That, failure on my /our part to comply with above undertakings shall make me/us liable for penalty under the provisions of the various Sections of Aforesaid Acts.

**Signature of the Owner of the Unit
of his Attorney with Stamp.**

Place _____
Dated _____

Note :

1. Strike out which is not applicable.
2. The Form and Undertakings should be signed by the Owner himself or his authorized agent (Please attach Photostat/attested copy of power of Attorney).

ANNEXURE -IV

COST OF FORM: Rs. 15.00

**FORM XIII
(See Rule 22)**

To be Submitted in Triplicate

Application for consent discharge/continuation of discharge under Section- 25/26 of the Water Act

APPLICATION FOR CONSENT FOR DISCHARGE/CONTINUATION OF DISCHARGE

Date _____

From

To

The Member Secretary,
Himachal Pradesh State
Pollution Control Board,
Shimla-171001

Sir,

I/We hereby apply for consent under section 25/ section 26 of the Water (Prevention and Control of Pollution) Act, 1974 (6 of 1974) * to bring into use any new or altered outlet for the discharge of * sewage/trade effluent* to begin to make new discharge of * sewage of/trade effluent or continue to make discharge of * sewage/ trade effluent from premises owned by(1) _____ for a period up to (2) _____.

(a) Sewage/Sludge via drains/out fall sewers/treatment works,

(b) Trade effluent via drains/out fall sewers/treatment works,

(c) Solid wastes into (3) :

(i) Stream _____ / River, OR

(ii) On land for irrigation, bearing Survey No. _____

Adjoining at a distance of _____ stream _____ River, OR

(iii) Lake, Pond adjoining/ at a distance of stream/River, OR

(iv) Directly on land for open percolation into sub-terrain strata or Survey No. _____ adjoining at a distance of _____

Stream/River, OR

(v) Tidal waters estuarine water known as _____ OR

(vi) Sea along /off the shore shown as _____

3. The annexure, appendices, other particulars and plans in triplicate are attached herewith.

4. I/We further declare that the information furnished in the annexure, appendices and plans is correct to the best of my/our knowledge.

5. I/We hereby submit that in case of proposal to change either of the point or the quantity of discharge or its quality, a fresh application for consent shall be made and until such consent is granted no charge shall be made.
6. I/We hereby agree to submit to the Board an application for renewal of consent one month in advance of date of expiry of the consented period for outlet/discharge, if to be continued thereafter.
7. I/We undertake to furnish any other information within one month of its being called by the Board.
8. The capital investment of the industry is Rs _____
9. I/We enclose a bank draft of Rs. _____ towards the prescribed consent application fee.

Yours faithfully,

Signature _____
Name of application _____
Address of applicant _____

Accompaniments :

* Strike out entries not relevant.

ANNEXURE TO FORM XIII

Outlet/Discharge

Existing
New / Altered

Note : Any application knowingly giving incorrect information or suppressing any information pertaining thereto shall be liable to be punished under the Act.

While filling this Annexure the applicant not concerned with any of the items shall state Not Concerned against the relevant one :

1. Full Name of applicant with address _____
Tel. No. _____
2. Full Name of land premises/institute /factory/ local body with address _____
3. Give revenue/city survey number of land/ premises for which the applicant is made stating District, Tehsil and Village.
District _____
Tehsil _____
Town _____
Village _____
City Survey No./Mauza No _____
Area in Hectares _____
Revenue Survey No. _____
Area in Hectares _____
4. State month and year in which the land/premises/ institute/factory/industry was actually put into commission or is proposed to be put into commission or the month and year from which the local body is functioning.
5. State the Civil/Military/Defence/Industrial estate etc. under whose administrative jurisdiction the applicant's and / premise is situated.
Collectorate _____
Corporation _____
Municipality _____
Village Panchayat _____
Cantonment _____
Defence Department _____
Port Trust _____
State Government _____
Prohibited Area _____
6. (a) State whether the land/premises/factory Industry has been declared as prohibited area. Yes/No.

(b) If yes, state the name of the authority and furnish a certified copy of the order under which the area has been declared as prohibited area.

7. Is the industry/factory for which application is made closed on Sunday/Holiday. Yes/No

8. State working season per year for the industry/factory. Full Year

| | |
|--|----|
| | To |
| | To |
| | To |
| | To |

_____ every year

9. (a) Number of workers attending the factory

| | | | | |
|--|----------------|---------------|---------------|---------------|
| | Shift No. 1 | Shift No.2 | Shift No.3 | General staff |
| | Hrs. | Hrs. | Hrs. | Hrs. |
| | | | | |

(b) Number of workers residing in the premises.

10. (For local bodies)only :-
 (a) Present population
 (b) Population covered under regular sewerage facilities.
 (c) Population covered by conservancy latrines
 (d) Population having septic tank/pit privy facilities.

11. (a) Give the list of raw material such as metals, alloys, chemicals, oil, fuels etc. used per month in Metric Tons :

| | Metal and Alloy | | Name/Weight |
|------------|-----------------------------|---------------------------|-----------------------|
| Chemicals | <u>Inorganic</u> Organic | <u>Dyes</u> Pesticides | <u>Name</u> Weight |
| Oil Grease | | <u>Name</u> Weight | |
| Fuels | (a) Wood | <u>Name</u> Weight | |
| | (b) Coal | <u>Name</u> Weight | |
| | (c) Oil | <u>Name</u> Weight | |
| | (d) Gases | <u>Name</u> Weight | |
| | (e) Other | <u>Name</u> Weight | |

| | Serial No. | Name of Products | Qty. in M.T. per month |
|-----|---|------------------|---------------------------------------|
| | (b) give the list name of products manufacture per month in (M.T.) | | |
| 12. | (c) Give the list of possible intermediate products State daily quantity of water in liter utilised | | |
| | Uses | | |
| | Domestic | Industrial | Agri- other cultural |
| 13. | (A) State the hourly maximum and daily maximum quantity of effluents arising from land/premises for which the application is made : | | |
| | In Liters | | |
| | Hourly | Maximum Daily | Maxi. |
| | (a) Domestic (b) Industrial (c) Agriculture (d) Other use (e) Total quantity of effluent | | |
| | (B) State how measurement of rate and quantity are carried out. | | |
| 14. | State whether storm water drains are kept separate from industrial/domestic effluent drains. | | Yes/No |
| 15. | (a) Is domestic effluents a owed to get mixed in Industrial effluent. | | Yes/No |
| | (b) If yes, state the ratio | | Domestic/Industrial |
| 16. | (a) Describe if any treatment for industrial or domestic effluent or one for combined effluent is made. | | Yes/No. |
| | If yes, state the process of treatment in brief (separately) | | |
| | (b) Is the quantity of effluent emanating either without or after treatment approved by the authority. | | Yes/No |
| | (c) If approved, furnish the authority | | (Two certified copies to be enclosed) |
| | (d) Is any effluent from any shop/shops toxic ? If so, volume of this effluent. | | |
| 17. | Is there any provision for disposal of : | | Already Made Proposed to be made |
| | (a) Domestic effluent over land for irrigation | | Yes/No Yes/No |
| | (b) Industrial effluent over land for irrigation | | Yes/No Yes/No |
| | (c) Domestic effluent in the underground strata | | Yes/No Yes/No |
| | (d) State the area of land used for (a) above in hectares | | |
| | (e) State the area of the land used for (b) above in hectares | | |
| 18. | Is there any provision for disposal of : | | Already Made Proposed to be made |
| | (a) Domestic effluent in public underground sewer. | | Yes/No Yes/No |
| | (b) Industrial effluent in public underground sewer. | | Yes/No Yes/No |
| | (c) Give the name of the Public authority owning their sewer. | | |

- 19 Give quantitative disposal of effluent in liters provided for the places mentioned below
- | | Domestic | Industrial | Mixed |
|-------------------------------|----------|------------|-------|
| (i) Stream/River | | | |
| (ii) On land for irrigation | | | |
| (iii) On land for percolation | | | |
| (iv) Lake pond | | | |
| (v) Tidal water | | | |
| (vi) Estuarine waters | | | |
| (vii) Open sea | | | |
20. Is there any provision for equalizing OR holding lagoons or tanks to store the effluent during unfavorable stream or tidal conditions :
- | | Already made | Proposed to be made |
|--------------------------|--------------|---------------------|
| (i) Domestic Effluent | | |
| (ii) Industrial Effluent | | |
| (iii) Combined Effluent | | |
21. Is sufficient land available/can be made available in case pumping effluent on lands have to be considered _____
- 22 (a) Give details of composition of Domestic, Industrial/Combined effluents in respect of the following:

| Effluent before Treatment | | | Effluent after Treatment | | |
|---------------------------|--------------|-------------|--------------------------|-------------|--------------|
| At Max. Dis | At Min. Dis. | At Ave. Dis | At Max. Dis. | At Min.Dis. | At Ave. Dis. |
| 1 | 2 | 3 | 1 | 2 | 3 |

- (i) pH
(ii) Colour Units
(iii) Temperature C
(iv) Suspended Solids :
(a) Total mg/1
(b) Fixed mg/1
(c) Volatile mg/1
(v) Dissolved Solids:
(a) Total mg/l.
(b) Fixed mg/l.
(c) Volatile mg/l.
(vi) Total Volatile Solids mg/1
(vii) Ammonical Nitrogen (mg/1) N
(viii) Nitrates (mg/1) N
(ix) Dissolved Oxygen (mg/1)
(x) B.O.D 5 days 20° C mg/1
(xi) C.O.D. mg /1
(xii) Oil Grease mg/1
(xiii) Chloride mg/1 (as Cl)
(xiv) Phosphate (P) mg /1
(xv) Phenolic Compounds mg/1 (as Phenol)
(xvi) Cyanides (as Cn) mg/1

- (xvii) Sulphates (as S) mg/1
- (xviii) Sulphates (as So) mg/1
- (xix) Insecticides mg/1
- (xx) total residual -chlorine (as C12) mg/1
- (xxi) Flouride (as F) mg/1
- (xxii) Boron (as B) mg/1
- (xxiii) Arsenic (as As) mg/1
- (xxiv) Barium (as Ba) mg/1
- (xxv) Percent Sodium
- (xxvi) Cadmium (as Cd) mg/1
- (xxvii) Copper (as Cu) mg/1
- (xxviii) Lead (as Pb) mg/1
- (xxix) Chromium
 - (a) as Cr (mg/1)
 - (b) Hexa-Valancy (as Cr) mg/1
- (xxx) Mercury (as Hg) mg/1
- (xxxi) Nickel (as Ni) mg/1
- (xxxii) Selenium 9as Se) mg/1
- (xxxiii) Silver (as Ag) mg/1
- (xxxiv) Zinc (as Zn) mg/1
- (xxxv) Any other metals mg/1
- (xxxvi) Carbon Chloroform Extracts
- (xxxvii) Pesticides (mg/1)
- (xxxviii) Coliform organisms
 - MPN per 100 l (Monthly average)
- (xxxvix) Bioassay for Toxic Constituents TL 60 (96 hours)

Note :

- (1) Furnish a copy of the analysis report of representative samples carried out by a competent laboratory.
 - (2) Method of determination as approved by the Board will be followed for determination of above mentioned para-
 - (b) Is the effluent toxic Yes/No
 - (c) State if the industrial effluent is having
 - (i) Unpleasant smell Yes/No
 - (ii) Irrigation and/ or harmful Yes/No
 - (iii) Corrosive Yes/No
 - (iv) With colour Yes/No
 - (d) Is there any sudden change or temperature exceeding 10° C at any time. Yes/No
23. (a) Are facilities available with the application for carrying out the following tests of the waste waters :
- | | Existing | Proposed |
|-----------------------|----------|----------|
| (i) Physical | Yes/No | Yes/No |
| (ii) Chemical | Yes/No | Yes/No |
| (iii) Bacteriological | Yes/No | Yes/No |
| (iv) Toxicological | Yes/No | Yes/No |

(b) If yes, give details of equipment/tests _____

| | | Highly | Polluting | Matter | |
|-----|--|---|-----------|----------------------|--------------------|
| 24. | Has the land/premises etc. for which application is made open : (a) Cooling tanks (b) Mixing tanks (c) Mixing ponds (d) Re-circulation wells | Toxic | Organic | Inorganic | Micro biological |
| 25. | State details solid | Description | Quantity | Method of Collection | Method of disposal |
| | (i) Seasonal Waste | _____ | | | |
| | (ii) Spillage | _____ | | | |
| | (iii) Rejected material | _____ | | | |
| | Name and address of the firm | Signature _____ | | | |
| | Accompaniments : Flow sheet of effluents. | Name and address of the application on behalf of _____ _____ _____ _____ | | | |

EXPLANATORY NOTES FOR FILLING FORM XIII AND THE ANNEXURE

The notes are given only for those items for which explanation is considered desirable. Other items are self explanatory.

Form XIII

- (1) Here mention the name of the owner of land/premises if other than the applicant or factory. If the land/premises belongs to the factory/industry, say so.
- (2) Here mention the date up-to which the consent is sought for.
- (3) Here mention the local name of the river/steam tidal waters/ sea as may be applicable.

Annexure to Form XIII

Outlet- Means the arrangement for discharge of the effluent for which the consent is sought for.
 Discharge- Means the effluent going out of the outlet.
 Existing- means that which is in operation at the time of applying for the consent.
 New- means that which will be sought into operation in future.

Altered- means that which has been modified due to changes in quantity and / or quality of discharge arrangement and /or point of discharge etc.

Item -1: Here give the name of the person who is authorized by the institution/Industry/factory/local body etc. to transact their legal business.

Item-2: Here give the registered name of the institution/Factory/Industry etc. under which the business carried out.

Item-5: Here state the concerned Institution such as Bureau of Public Enterprises, under whose administrative control the Factory/Industry etc., is set up.

Item-6: Application to only those areas which are prohibited areas, such as the Ordinance Factories, Mint etc.

Item-13 (B): State the method of measurement of hourly/daily maximum quantity of effluents i.e. by flow meters venturi meters V notch sump measurements or approximately estimated etc.

Item-16(b): Here mention 'Yes' if any other authority such as the local body or State Department has already approved the discharge of effluent either with or without treatment, at the time of establishment of factory/industry.

Item-19: Here, give the quantity of effluent of different types such as domestic, industrial or mixed etc proposed to be or is let into stream/river lands, lakes, sea etc as may be applicable.

Item-22(a): Analysis to be furnished shall cover as many parameters as are expected to be found, in the effluent. If some of the parameters are not expected to be found, say "not applicable". If some other parameters than those listed under the items are expected, the same may be mentioned at the end. The analysis shall be separately furnished for domestic, industrial and combined effluents.

Item-22(b): Here toxically means that which is established by bio assay studies on fish, as per procedure given in the standard methods.

Item-24: This term is meant to cover such highly polluting substances which do not ordinarily find way in the effluent, but are required to be handled in the premises, and which may, by accident, join the effluent in large quantities.

ANNEXURE-V

COST OF FORM: Rs. 15.00

**APPLICATION FOR CONSENT FOR EMISSION UNDER SECTION- 21 OF THE
AIR ACT, 1987**

Application for consent for emission in _____ sub-area
which is the 'Air Pollution Control Area' notified under section 19 of the Act, under Government Gazette
Notification No. _____ (I) of _____.

- (i) Industry specified schedule _____.
- (ii) (a) Area Code No. _____ dated _____.
- (b) Grind No. _____ dated _____.

From :-

To

The Member Secretary,
Himachal Pradesh State Pollution Control Board,
Shimla-171001.

Sir,

I/We hereby apply for consent under section 21 of the Air (Prevention and Control of Pollution) Act,
1981 to make emission from Industrial Plant occupied by _____
_____.

- 2. I/We further declare that the information furnished in the Annexure/Appendices and points is correct to the best of my/our knowledge.
- 3. I/We hereby submit that in the case of a change other of the point, or the quantity of emission or of its quality a fresh application for consent shall be made and until such consent I granted, no change shall be made.
- 4. I/We hereby agree to submit to the Board an application for renewal of consent one month in advance of the date of expiry of the consented period for emission, if to be continued, thereafter.
- 5. I/We undertake to furnish any other information within one month of its being called by the Board.
- 6. I/We enclose a bank draft of Rs. _____ towards the prescribed consent application fee.
- 7. The capital investment of the industry is Rs. _____.

Signature _____.

Name of the applicant _____.

Address of applicant _____.

Accompaniments :-

_____.

ANNEXURE TO FORM I

Chimney Existing
No.
Altered

Note :- ANY APPLICANT knowingly giving incorrect information of suppressing information pertaining thereto shall be liable to be punished under section 38 of the Act.

While filling the Annexure the applicant not applicable will any of the items shall state not concerned against the relevant one.

- | | | | |
|----|--|--|------|
| 1. | Full Name of the occupier with address (a) Name and Telephone No. of person in Charge of the premises. | Tel. No. | |
| 2. | Full name of the Industrial Plant with address. | | |
| 3. | Give Revenue/City Survey no. of the land/premises for which the application is made, stating District, Taluka/Village. | District Taluka Village City Survey No. Revenue Survey No. Area in Hectares Collectorate | Town |
| 4. | State month and year in which the Industrial Plant was actually put into commission or is proposed to be put into commission/or the month and year from which the local body is functioning. | | |
| 5. | State the Civil/Military Defense/Industrial Estate etc. under whose administrative jurisdiction the occupier's Industrial plant is situated. | Corporation Municipality Village Panchayat/Cantonment/Defence Department Port Trust State Government Prohibited Area Central Government Airport Authority Or Specify another | |
| | (2) Attach the map showing topographical feature of the Area. | | |
| 6. | Elevation above mean sea level | | |
| 7. | Present use of the land | Agricultural Forest Grazing Settlement Fallow Plains Valley Hilly River Coastal Estuarine Land Locked | |
| 8. | Indicate the nature of topography surrounding the site. | | |

9. (a) State whether Industrial Plant has been declared as prohibited area. Yes/No
 (b) If yes, state the name of the authority and furnish a certified copy of the order under which the area has been declared as prohibited. _____

10. What of the following features exist within 20 Km of the site.
 Human settlement specify population and distance from the plant.
 Agricultural land specify crops.
 Grazing land Fisheries
 Forest/Sanctuary/National Park/Nallahs/Streams/Rivers/Ponds/Lakes/Dams/Estuary/Sea/Hills/mountains/Industries/specify Ancient Monuments/Tourism area.
 Yes/No

11. Is the Industrial Plant of the occupier will be closed on Sunday/Holiday? Yes/No

12. State working season per year of the Industrial Plan.
 Full Year
 From To
 From To
 From To
 From To
 Every Year

13. Meteorological Data :
 (a) Indicate the climate conditions at the site (e.g. arid, semi-arid etc.)
 (b) Precipitation yearly averaged range.
 (c) Temperature seasonal range.
 (d) Average annual speed and direction of wind.
 (e) Humidity solar radiation.

14. Raw material used in T/Day or Kg/day Name Source Qty.
 15. Product/By products/waste material in T/day or kg/day
 16. Complete flow chart giving description and chemical processes, if any as per Annexure-I.
 17. Fuel consumption in T/day :

| | Fuel | Coal | Fuel Oil | Diesel | Natural Gas | Wood | Other Specify |
|-------------------------------|------|------|----------|--------|-------------|------|---------------|
| 1. Daily consumption in Tones | | | | | | | |
| 2. Calorific Value | | | | | | | |
| 3. Ash Content % | | | | | | | |
| 4. Sulphur Content % | | | | | | | |
| 5. Other specify | | | | | | | |

18. Furnaces/Cupolas : Yes No
 (a) No. of furnaces/cupolas :
 (i) installed _____ (ii) In use _____
 (b) Date of installation _____
 (c) Capacity _____
 (d) Purpose of use _____
 (e) Stack Data :

(i) Height _____
(ii) Diameter _____
(iii) Temperature _____
(iv) Flow rate _____

19. Boilers :- Yes No
(a) No. of Boilers :-
(i) Installed _____ (ii) In use _____
(b) Type _____
(c) Capacity _____
(d) Method of fuel charging :
(i) Oil/Gas burner _____
(ii) Grade Charges (Manual/Mechanical) _____
(iii) Pulverized coal charging _____
(e) Quantity of fuel used in boilers _____
(f) Stack data :-
Height _____
Diameter _____
Temperature _____
Flow rate _____

20. Emission Control equipment for air pollutants :
Existing No. of Existing Proposed
1. Existing/Proposed :-
(a) Nature of the Pollution Control equipment _____
(b) Capacity _____
(c) Efficiency _____
(d) Details of Air Pollution Control System Proposed/Existing
(e) Give detailed specifications cyclones, electrostatic precipitators, scrubbers, Bag filters etc.
(f) Any other monitoring facilities available and data available.

21. Atmospheric Emission Stack No. _____ Gas quantity _____ M³/ Stack
attached to _____ fuel gas temp. _____ Stack height
_____ mts. Exit velocity of the _____ Fuel gas
_____ M/.

(a) Fuel Gas Emission :-

| Type of Fuel | Qty. of Fuel/hr. | No. SO ₂ , HC, CO Particulate |
|---|------------------------------|--|
| (b) Process Emission | | |
| SO ₂ CO ₂ NO _x | Analysis of Vent gas in mg/m | Other specify |
| | Hydrocarbons | |
| | Particulates | |
| Particular analysis | (i) Size distribution. | |
| | (ii) Chemical composition. | |

22. Solid Wastes : Yes No
(a) Nature _____
(b) Quantity _____
(c) Mode of disposal _____

23. Any relevant information not covered in the above item.
24. Water consumption :
 (a) Quantity per month or day _____.
 (b) Source _____.
25. Waste Water Generated : Yes No
 (a) Quantity per month or day _____.
 (b) Disposal to :

| | | | |
|----------|--------------------------|----------|-----------------|
| | Treatment of waste water | Nallah | Municipal Sewer |
| Existing | Not Existing | Proposed | Not proposed |

- (c) Waste water characteristics (if available) :
- | | |
|-------------------------------|-----------------|
| Before Treatment | After Treatment |
| (i) BOD | |
| (ii) COD | |
| (iii) Suspended Solids | |
| (iv) Heavy Metal (specify) | |
| (v) Toxic chemicals (specify) | |
| (vi) Other (specify) | |

26. (a) State the total quantity of Air handled by ventilation equipment, so also specify size and No. of equipment installed/to be installed.

(b) Location and Dimensions of outlets :

(i) Fuel gas emission :

| Type of Fuel | Qty. of fuel/hr. | X% Sch% | Analysis of the HC CO | Fuel gas No. Particulate | XSO ₂ |
|--------------|------------------|---------|-----------------------|--------------------------|------------------|
| | | | | | |

(ii) Process Emissions :

| SO ₂ | CO ₂ | Analysis of vent gas in mg/m CO NOx Hydrocarbons | Particulate | Other Specify |
|-----------------|-----------------|---|-------------|---------------|
| | | | | |

(iii) Particulate analysis :

- (a) Size distribution
 (b) Chemical composition

27. Other relevant information, if any.

Name and address of the firm

Signature _____
 Name and address of the applicant on
 Behalf of _____
