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**Jharkhand State Pollution Control Board, Ranchi**  
(TO BE SUBMITTED IN TRIPLICATE)

**Application for consent for Emission/ Continuation of Emission under section 21 of  
The air [Prevention and Control of Pollution] Act. 1981**

From

Dated .....

.....  
.....  
.....

To

The Member-Secretary,

Jharkhand State Pollution Control Board

Ranchi.

Sir,

I /We hereby apply for CONSENT under Section 21 of the Air (Prevention and control of pollution) Act, 1981 (14 of 1981) to make emission from Industrial Plant owned by

(1) ..... For a period up to  
(2) .....

2. The Annexure, appendices, other particulars and plans are attached herewith in triplicate.
3. I /we further declare that the information furnished in the Annexure / Appendices and Plans is correct to the best of my / our knowledge.
4. I /We hereby submit that in case of change either of the point or the quantity of emission or of its quality a fresh application for CONSENT shall be made and until such consent is granted no change shall be made.
5. I /We hereby agree to submit to the Board application for renewal CONSENT one month in advanced of the date of expiry of the consented period for emission: of to be continued thereafter.

(2)

6. I /We undertake to furnish any other information within one month of its being called by the Board.
7. I /We enclose a demand draft No.....Date:..... of Rs.....towards the prescribed consent application fee, as mentioned on the last page of the application form.

Accompaniments

Signature

Name of the applicant.....

Address of the Applicant.....

.....

.....

# ANNEXURE TO FROM

**Chimney**

**Existing  
New  
Altered**

**Note :** Any applicant knowingly giving incorrect or suppressing any information pertaining three to shall be liable to any actions under the provisions.  
While filling this annexure the applicant shall for such of the items not pertaining to his activity shall state "not applicable" against the relevant one and not leave bank.

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- 1.(a) Full name of the applicant .....  
With address .....  
(Tel. No.) .....
- (b) Is the firm registered? .....
- (c) If yes, give the number & .....  
date of registration and the .....  
Authority with whom registered .....
- (d) Full Address of the registered .....  
Officer .....
- (e) Names, designation and full (1) .....  
Address of persons like (2) .....  
Partners, Managing Director/ (3) .....  
Director / Manager etc. (4) .....  
(5) .....
- (f) Under which category does .....  
Medium / Small Scale . .....
2. Full name of the Land/premises/ .....  
Institute/Factory/Industry/Local .....  
body with address. ....  
Tel. No. ....  
Telegraphic Address .....

(2)

3. Give revenue/City Survey No. of the land /premises for which the application is made
4. State month and year in which the plant was actually put into commission or is commission.
5. State the Civil/ Military Defence/ Industrial Estate etc. under whose administrative Jurisdiction the occupiers industrial plant is situated.
6. (a) State whether plant site has been declare as prohibited area.  
(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. State working season per year of the plant

District.....  
Town.....  
Village.....  
city Survey No. ....  
Revenue Survey No. ....  
Area in Hectares .....

.....  
.....  
.....

District .....  
Corporation .....  
Municipality .....  
Village Panchayat / Contonment .....  
Defence Deptt .....  
Port Trust .....

.....  
State Govt. ....  
Prohibited areas .....  
Central Govt. ....  
Airport Authority .....  
Yes/No.

.....  
.....  
.....  
.....

.....

Full Year

.....  
From ..... to .....  
From ..... to .....  
From ..... to .....

Continuous, Batchwise

Every year

- (3)
8. (a) No. of persons attending the factory per day. ....
  - (b) No. of persons residing In the premises .....
  9. Indicate the present use of the land in the vicinity (5 km. radius) of the
    - (i) Human settlements of more than 1000 population (specify population and distance from the plants) .....
    - (ii) Commercial .....
    - (iii) Industrial .....
    - (iv) Fisheries .....
    - (v) (sanctury/ National Park/ Hill/Mountains) .....
    - (vi) Ancient Mountain.....
  10. Climatological and Materiological Details (if available)
    - (a) Indicate the climate conditions at the site (e.g. arid or semi-arid etc.) .....
    - (b) Rainfall, yearly average range .....
    - (c) Temperature, seasonal range .....
    - (d) Information on speed and Direction of wind .....
    - (e) Humidity, solar radiation .....
  11. Give list of all materials used in process in Metric tonnes / day.

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List of Raw Materials	Principal use	Amount in I/day
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A process flow diagram must be included with this statement showing entry and exit points of all raw materials, inter-mediate products, by products and finished products, Label process and control equipments.

12. Give the names of product & by product with daily Capacity .....

(4)

**13. Fuel Consumption in T/day**

	Coal	Oil	Wood Natural Gas	Others Specify
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- (1) Daily Consumption in Tonnes :
- (2) Calorific value
- (3) Ash Content %
- (4) Sulphur content %
- (5) Other Specify

**14. Atmospheric Emission from each stack.**

- (i) Stack No.
- (ii) Materials of construction of stack,
- (iii) Stack attached to
- (iv) Stack height
  - (a) Above the roof mts.
  - (b) Above the ground level mts.
- (v) Stack top:
  - (a) Round or circular
  - (b) Insite dimensions of the stack at top
- (vi) Gas Quantity-M<sup>3</sup>/hr.
- (vii) Flue Gas temp. °C
- (viii) Exist velocity of the gas m/sec.
  - (a) Flue gas Emission:

Analysis of flue gas in mg/m

Stack No.	Type of Fule/	Qty. of Fule/hr	Type of firing	SO2	HC	CO	Particu lates	Others Specify
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**(b) Process Emission :**

Quantity of gas M3/hr	SO2	CO2	CO NO	Analysis of Vent Hydrocarbons	gas in mg/m3	Other Specify

(c) Particulars analysis :  
(if available size)  
distribution

- 50/- \_\_\_\_\_ %
- 10/- \_\_\_\_\_ %
- 5/- \_\_\_\_\_ %
- 3/- \_\_\_\_\_ %
- 1/- \_\_\_\_\_ %

Stacks No.

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(d) Chemical Composition  
(if available)

- 15. Give details of flue gas sampling arrangements .....  
.....
- 16. Give details of laboratory facilities available for analysis of emission .....  
.....
- 17. Is there sufficient space available for installing air pollution control equipments. ....  
.....
- 18. Details of air pollution-
  - (a) Existing Control system give detailed specifications: .....
  - (b) Proposed (scrubbers collectors, precipitators etc. ....
- 19. State the total quantity of air handled by ventilation equipment. ....  
specify size and No. of equipments. ....  
Installed or to be installed. ....
- 20. Give the following details:-
  - (a) Total investment in the factory and the year of investment. ....  
.....

	(6)
(b) The estimated expenditure for implementation of the scheme to control air pollution.	..... .....
(c) Expenditure incurred to date progress achieved (physical) for air pollution control. If any and the year / years of investment along with physical progress achieved. The firm should give details of action taken to date and the expenditure incurred and the time required for the scheme.	..... ..... ..... ..... .....
(d) Annual operation and maintenance cost of Air Pollution Control plant, if any.	..... .....
(e) Further action that is being taken by the firm to control air pollution	..... .....
21. Other relevant information if any	..... .....
Signature	.....
Name and address of the applicant on behalf of	..... .....
name and address of the Firm	..... .....

The application is hereby instructed to make himself familiarized with the air (Prevention and Control of Pollution) Act, 1981 before attempting filling up the form.



# **EXPLANATORY NOTE FOR FILLING IN THE FORM AND THE ANNEXURE**

The notes are given only for the those items for which explanation is considered desirable.

## **FORM**

- (1) Here mention the name of the owner of the land/ premises if other than the applicant  
Industry of factory in continuation of legal business as per the Air (Prevention and control of Pollution) Act, 1981. If land/ premises belong to the factory/industry, say self.
- (2) Here mention the data up to which the consent is sought for.

## **ANNEXURE TO FORM**

- Existing - Means that which is in operation at the time of applying for the consent.
- New - Means that which will be brought into operation in future.
- Altered - Means that which has been modified due to change in quantity and/ or quality of emission arrangement and/ or point of emission etc.
- Item No. 1- Here mention name of the owner of the land/ premises of other than the applicant industry of factory in continuation of legal business as per Air (Prevention and Control or Pollution) Act. 1981. If land / premises belong to the factory/ industry say self.
- Item No. 2 - Here gives the registered name of the Industry/ institution/ factory/ local bodies etc. under which the business is carried out.

(2)

Item No. 6 - Applicable to only those areas which are prohibited areas such as the ordinance factories, Mint. etc,

Item No. 10 - (c) Here state the temperature in summer, winter, winter monsoon & post monsoon seasons.

(d) Here state the seasonal average wind direction and speed in around the site of the plant. The information can be had from representative Metrological centre.

Item No. 13 - Analysis of the flue gas emissions process emission and particulates analysis should be done for each stacks emissions. Where ever stacks are not provided the shop floor specific pollutants conc. should be reported.

Chemical Analysis of the particulate matter in the emission should be furnished giving details such as organic matter non-metals, radioactive substance, asbestos, silicates etc.

Item No. 17 - Here state the detailed specifications of Control system used or proposed to be used with efficiency. Also furnish the lay out of the control system with dimensions.

Item No.19 - Here state the total quantity of ventilation air handled by equipments such as roof extractors. Evaporative coolers etc.

Consent fee - Prescribed under Rule 25 (1) of the Air Rules. 1983

	For industries specified in schedule of the Act.	Consent fee admissible in Rupees
A.	Major Industry	15,000/- (Fifteen thousand)
B.	Medium Industry	6,000/- (Six thousand)
C.	Small Industry	1000/- (One thousand)

- Note :**
1. Classification of industries specified in the table shall be as per the standard and interpretation as may be prescribed by Government from time to time.
  2. The fees shall be paid through Bank draft drawn in favor of Member-Secretary, Jharkhand State Pollution Control Board, Ranchi.