

FORM I

(See Rule 9) (Industries)
(To be submitted in triplicate)

Application for consent to operate an industrial plant under section 21 of the Air
(Prevention & Control of Pollution) Act, 1981

From

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To

The Member Secretary,
Punjab Pollution Control Board,
Nabha Road, Patiala, Sir.

I/we hereby apply for consent under section 21 of the Air (Prevention & Control of Pollution) Act 1981 (No. 14 of 1981) to make emission from industrial plant owned by

- (1)
for a period upto.....
- (2) The annexure, appendics, other particulars and plans are attached herewith in triplicate.
- (3) I/we hereby further declare that information furnished in the annexure/appendics, plans and other particulars are 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 emissions 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 of consent 3 months in advance of the date of expiry of consented period for emission, to be continued thereafter.
- (6) I/we undertake to furnish any other information within one month of its being called for by the Board.

Yours faithfully,

Signature:
Name of Applicant

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Address of Applicant

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ACCOMPANIMENTS:

- i) Index/site plan;
 - ii) Topographical map;
 - iii) Detailed layout plan of different processes and point sources of emission and position of stacks and chimneys;
 - iv) Process flow sheet;
 - v) Details of Air pollution control devices provided or proposed to be provided;
 - vi) Ambient Air quality report: if required,
 - vii) Latest emission analysis report;
- Draft No.....
Dated.....
for Rs.....
Drawn on
as application tee.

FOR OFFICIAL USE ONLY:

Date of Receipts:

Further information sought:

Sampling point approved

Consent No.

Due Dale of Renewal:

Remarks:

Annexure to FORM 1

Chimney: Existing/New/Altered

Note: Any applicant knowingly giving incorrect information or suppressing an information pertaining thereto shall be liable to action under the provisions of the Act.

While filling this Annexure the applicant shall for such of the items not pertaining to his activity shall state "Not Applicable" against the relevant columns and not leave it blank.

1. Full Name of the applicant (Occupier) with address:

2.
 - a) Full name of the land/institute/factory/industry:
 - b) Full name of the Registered office:
 - c) Names, Designation and full address of the Proprietors/Managing Partners, Managing Directors /Directors/Managers etc.

 - d) Category :
 - i. Large scale 10 crore and above fixed capital investment
 - ii. Large and medium scale-5 crore and above but below Rs. 10 crore FCI.
 - iii. Large and medium scale FCI below 5 crores but plant and machinery cost 1 crore and above.
 - iv. Medium scale plant and machinery cost Rs. 35 lakhs and above but below 1 crore.
 - v. Small scale plant and machinery cost below 35 lakhs.

3. Location of the industry
 - a) Give Revenue Survey No. of the land premises for which the application is made.
District
Municipality/Corporation/Panchayat
Revenue Survey No.
Area in Hectars.
 - b) Any other relevant information for locating the industry such as whether it falls in an industrial estate, or military area.
4. State month and year in which the land/ premises/institute/ factory/industry was actually put into commission.
5. a) State whether the land/premises/factory has been declared as prohibited areas :
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.
6. a) State working season per year for the industry/factory.
b) State weekly holidays to be observed by the industry.
7. No. of workers attending the factory:

Shift No. 1 Hours	Shift No. 2 Hours	Shift No. 3 Hours	Shift No. 4 Hours
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8. No. of workers residing in the factory premises.
9. Indicate the present use of the land in the vicinity in (5 km. Radius) of the industry.
 - i) Human settlement of more than 1000 population (specify population and distance from the plants).
 - ii) Commercial
 - iii) Industrial
 - iv) Fisheries
 - v) Sanctuary/National Parks/Hills/Mountains.

- vi. Ancient Monuments
- vii. Worship Centres
- viii. Others

10. Climatological and Metrological details
(if available)

- a) Indicate the climate conditions at the site (e.g., arid, semi arid, etc.)
- b) Rain fall yearly average
- c) Temperature. Seasonal ranges
- d) The following information should also be supplied wherever required by the Board:
 - i. Speed and Direction of the wind
 - ii. Humidity and solar radiation.

11. List of materials used in process
(other than fuels)

Sr. No.	Name of Materials	Process where used	Consumption in tonnes/day
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A process flow diagram must be attached showing the entry and exist points of all raw materials, intermediate products, by-products, Lable process and control equipments and give process description.

12. a) Details of fuel consumption

Identification/ Commercial Name	Fuel	Coal	Oil	Wood	Gas	Others
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- (a) Daily consumption
in tonnes
- (b) Where used
- (c) Calorific-value
- (d) Ash content percent
- (e) Sulphur content percent
- (f) Other (specify)

(b) List of Products and by-products

Sr. No.	Name	Quantity in tonnes/day
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13 (a) Details of furnaces :

Ref. No. of Chimney in layout plan through which emissions take place	Type of Furnase	Fuel used	Quantity of fuel, tonne/day	Operation and Loading
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(b) Details of boiler:

Ref. No. of Chimney in layout plan through which emissions take place	Type of Fuel Boiler used	Quantity of fuel. tonne/day	Steam Pressure	Capacity	Operation and Loading
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14. (a) Details of Chimney

Ref. No. of Chimney in Layout plan	Nature of Construction	<u>Height in m.</u>		inside shape circular square Etc.	Inside dimension in m diameter size etc. (specify)	<u>Exist Gas</u>		
		Above Ground Level	Above Roof Level			Qnty. cum P.Hr.	Tempe- city °C	V elo- city m/sec.

(b) Chimney emission:

No. of Chimney Layout Plan	Source of Others emission	Analysis of Gas* mg/cu m				
		Oxides of S C N			Hydro Carbons	Parti- ciliates

(c) Any other emissions:

Source/ Outlet	Quantity others m ³ /hr	Temperature °C	<u>Analysis of Gas* mg/m³</u>			
			Oxides of S C N	Hydro Carbons	Parti- culates	

(d) Particulate Analysis (if available):

Identification	Size distribution Chemical Composition	referring to	15 (b) (c)
50/ni/10/m/5/m/3/m/1/m			

(e) Further action that is being taken by the firm to control air pollution.

2o(a) Are any emission from your industry toxic? Yes/No

If yes.

What are the steps taken to detoxify the same

(b) State if the emissions are :

i having unpleasant smell:

ii Irritating and/of hazardous/harmful

iii Corrosive

iv .Is there any chance of run-away reaction in your industry

v. What are the maximum storage of

hazardous chemicals in your industry

vi What are the hazard management measures taken (copy of on-site emergency plan is to be enclosed

21 . Any other relevant information.

Signature

Name and Address of Applicant on behalf of (Occupier)

Name and Address of the Company

Explanatory Notes for Filling in Form and the Annexure

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

FORM

(1) Here mention the name of the owner of the land premises, than the applicant industry or 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. The industries are categorized based on the capital investment and the application shall be accompanied by fees as prescribed under application fee for "Consent to Operate."

Sr. No.	Industrials having Investment	Fee for consent for 15 years	Fee for consent For one year.
1	Less than Rs.10 lacs	1.400/-	500/-
2	Rs. 10 lacs - Rs. 25 lacs.	3.500/-	750/-
3	Rs. 25 lacs - Rs. 50 lacs.	7.000/-	1.250/-
4.	Rs. 50 lacs – Rs1 Crore	15.000/-	2.500/-
5	Rs ¹ . 1 CRORE- - 5 Crore	35.000/-	5.000/-
6	Rs. 5 Crores – 10 Crores	70.000/-	10.000/-
7.	Rs-. 10 Crores - 25 Crores	1.40.000/-	20.000/-
8.	Rs. 25 Crores - 50 Crores	2.10.000/-	30.000/-
9	Rs. 50 Crores – 100 Crores	2.80.000/-	40.000/-
10.	Rs. 100 Crores - 200 Crores	3.50.000/-	50.000/-
11	Above Rs. 200 Crores	7.00.000/-	1.00.000/-

(2) Here mention the date upto which the consent is sought for.

ANNEXURE TO FORM

Chimney Includes any structure with an opening or outlet through which any air pollutant may be emitted.

“Existing” means that which is in operation at the time the Act came into being.

“NEW” means that which was brought into operation after the Act came into being.

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

Item No.1 Here give the name of the person who is authorised by the

Industry/institution/factory to transact their legal business.

Item No.2 (a) Full Name and Address of the factory.

(b) Full Name and Address of the Registered Office of the

Factory/institution industry

(c) Name and Address of the proprietor/partner/managing Director/director etc.

Item No.10 (c) Here state the temperature °C in summer. Winter monsoon and Post monsoons.

(d) Here state the seasonal average winds direction speed in and Around the site of the plant. The above information can be had from representative meteorological centre.

Item No.14 Analysis of the flue gas emission. Process emission and particulates should Be done for each stacks emission. Whenever stacks are not provided the Shop floor specific pollutant concentration should be reported. Chemical Analysis of the particulate matter in the emission is to be done for organic Content. Metals, non-metals, asbestos, silicate, radioactive substances etc.

Item No.16 Here give the detailed specifications (including efficiency) of air pollution Control system used or proposed to be used. Also furnish a layout of the Control systems with dimensions.

Item No.17 Here state the total quantity of ventilation air handled by equipments Such as roof extractors evaporative coolers etc.