

# OFFICIAL GAZETTE

## GOVERNMENT OF GOA

### EXTRAORDINARY

#### GOVERNMENT OF GOA

##### Transport Department

##### Notification

5/32/87-TPT

In exercise of the powers conferred by sub-rule (7) of rule 5.2 of the Goa, Daman and Diu Motor Vehicles Rules, 1965, the Government of Goa hereby amends, the Government Notification No. 5/32/87-TPT (TPT) dated 7-1-1988, published in Extraordinary Official Gazette, No. 41, Series I, dated 7-1-1988 (hereinafter called the said Notification) as follows, namely:—

In the said Notification, in para 1, the existing clause (b) shall be renumbered as clause (c) and before the aforesaid clause so renumbered, following clause shall be inserted, namely:—

“(b) Motor vehicles used by the Hon. Judges of the High Court of Judicature at Bombay Goa Bench (Panaji)”.

By order and in the name of the Governor of Goa.

P. S. Nadkarni, Under Secretary to the Govt. of Goa, Transport Department.

Panaji, 3rd April, 1989.

#### Department of Science, Technology & Environment

##### Notification

14/2/88-STE

In exercise of the powers conferred by sub-section (1) of section 54 of the Air (Prevention and Control of Pollution) Act, 1981 (Central Act 14 of 1981), the Government of Goa, in consultation with

the Goa State Pollution Control Board, hereby makes the following rules, namely:—

#### CHAPTER I

##### Preliminary

1. *Short title and commencement.*— (1) These rules may be called the Goa Air (Prevention and Control of Pollution) Rules, 1989.

(2) They shall come into force at once.

2. *Definitions.*— In these rules, unless the context otherwise requires, —

(a) “Act” means the Air (Prevention and Control of Pollution) Act, 1981 (Central Act 14 of 1981);

(b) “Board” means the Goa State Pollution Control Board constituted under section 4 of the Water (Prevention and Control of Pollution) Act, 1974 (Central Act 6 of 1974);

(c) “Board Laboratory” means a laboratory established or recognised as such under sub-section (2) of section 17;

(d) “Chairman” means a Chairman of the Board;

(e) “consultant” means any person appointed as such under sub-section (5) of section 14 of the Act;

(f) “Form” means a form appended to these rules;

(g) “Government” means the Government of Goa;

(h) “Health Officer” means the Health Officer as defined in the Goa, Daman and Diu Public Health Act, 1985 (Act 25 of 1985);

(i) “premises” means any building, structure or land used for industrial or commercial purposes where pollution occurs;

(j) “section” means a section of the Act;

(k) “State Air Laboratory” means a laboratory established or specified as such by the State Government under sub-section (1) of section 28;

(l) words and expressions used but not defined in these rules and defined in the Act shall have the meaning respectively assigned to them in the Act;

## CHAPTER II

## Consultants

3. *Appointment of consultants.*—For the purpose of assisting the Board in the performance of its functions, the Board may appoint any qualified person to be a consultant for a specific period not exceeding four months:

Provided that the Board may, with the prior approval of the Government, extend the period of the appointment from time to time:

Provided further that if at the time of the initial appointment the Board had reasons to believe that the services of the Consultant would be required for a period of more than four months, the Board shall not make the appointment without the prior approval of the Government.

4. *Power to terminate appointment.*—Notwithstanding anything contained in rule 3, the Board may terminate the appointment of the consultant before the expiry of the specific period for which he is appointed, if in the opinion of the Board, the consultant is not discharging his duties properly or to the satisfaction of the Board, or such a course of action is necessary in the public interest:

Provided that in cases where a consultant has been appointed with the prior approval of the Government, the termination of his appointment shall be made only with the approval of Government.

5. *Emoluments of consultant.*—The Board may pay to the consultants suitable emoluments or fees depending on the nature of work and the qualification and experience of the consultant:

Provided, however, that the Board shall not appoint any person as consultant without the prior approval of the Government if the emoluments or fees payable to him exceed Rs. 4,000/- (Rupees Four thousand) per month.

6. *Tours by consultant.*—The consultant may, with the prior approval of the Chairman undertake tours within the country for the performance of the duties entrusted to him by the Board and in respect of such tours he shall be entitled to travelling and daily allowances at the rate payable to a class I Officer of the Government.

7. *Consultant not to disclose information.*—The consultant shall not, without the written permission of the Board, disclose any information either given by the Board or obtained during the performance of the duties assigned to him either by the Board or otherwise to any person other than the Board.

8. *Duties and functions of consultant.*—The consultant shall discharge such duties and perform such functions as are assigned to him by the Board and it will be his duty to advise the Board on all technical matters referred to him by the Board.

## CHAPTER III

## Notification of Air Pollution Control Area

9. *Manner of declaration of air pollution control area.*—(1) Every notification under sub-section (1)

of section 19 of the Act declaring any area in the State as air pollution control area, shall specify—

- (a) the boundaries of the area if the area is not a whole district;
- (b) the date on which such declaration shall come into force.

(2) A notification referred to in sub-rule (1) shall be published in the Official Gazette and at least in one English, one in Konkani and one in Marathi daily newspaper having a circulation of not less than five thousand in the State of Goa.

## CHAPTER IV

## Application for consent

10. *Form of application for consent and fees.*—

(1) Every application for consent under sub-section (2) of section 21 shall be made in Form I and shall be accompanied by fees as specified below:—

	Rs.
i) The industries having capital investment of Rs. 1,00,00,000 and above ... ..	5,000
ii) The industries having capital investment of above Rs. 50,00,000 less than Rs. 1,00,00,000 ...	2,000
iii) The industries having capital investment of above Rs. 10,00,000 and less than Rs. 50,00,000 ...	1,000
iv) The industries having capital investment of above Rs. 5,00,000 and less than Rs. 10,00,000 ...	500
v) The industries having capital investment upto Rs. 5,00,000 ...	250

(2) Every application for consent under the proviso to sub-section (2) of section 21 shall be made within four months from the date of declaration of any area as air pollution control area.

11. *Procedure for making enquiry on application seeking consent.*—(1) On receipt of an application for consent, the Board may depute any of its officers accompanied by as many assistants as may be necessary, to visit and inspect any place or premises under the control of the applicant or the occupier, for verifying the correctness or otherwise of the particulars furnished in the application or for obtaining such further particulars or information, which in the opinion of such officer are essential. Such Officer, for that purpose, may inspect any place or premises where solid, liquid or gaseous emission from the chimney or fugitive emissions from any location within the premises are discharged. Such officer may require the applicant or the occupier to furnish to him any plans, specifications or other data relating to control equipment or systems or any part thereof that he considers necessary.

(2) The Officer referred to in sub-rule (1) shall, before visiting any of the premises of the applicant, give notice to the applicant of his intention to do so in Form II. The applicant shall furnish to such officer all information and provide all facilities for inspection.

(3) The officer may, before or after carrying out the inspection under sub-rule (1), require the applicant to furnish him orally or in writing such addi-

tional information or clarification or to produce before him such document as he may consider necessary for the purpose of investigation of the application and may for that purpose summon the applicant or his authorised agent to the office of the Board.

CHAPTER V

Authority to whom information is to be furnished

12. *Furnishing of information by occupier.* — The authorities referred to in sub-section (1) of section 23 of the Act, shall be the Collector of the District, the Health Officer, the Executive Authority of the municipal or local body concerned and the nearest police station.

CHAPTER VI

Manner of taking samples

13. *Manner of taking samples.* — (1) The person-in-charge of the premises shall provide port-holes, platforms conveniently located; for easy access and all other facilities required for taking sample of air or emission from any chimney, flue or duct, plant or vessel or any other sources and outlets, stationary or mobile, as may be required by the Board or any officer empowered by the Board in this behalf.

(2) The procedure for taking samples shall be such as may be felt necessary by the Board or any officer empowered by the Board in this behalf to suit the situation.

14. *Form of notice.* — Every notice under sub-section (3) of section 26 of the Act shall be in Form III.

CHAPTER VII

Report of Analysis

15. *Form of report of Board analyst and Government analyst.* — (1) When a sample of any air or emission has been sent for analysis to the Board laboratory, the Board analyst shall analyse such sample and submit to the Board a report of the result of such analysis in Form IV in triplicate.

(2) When a sample of any air or emission has been sent for analysis to the State Air Laboratory, the Government analyst shall analyse such samples and submit to the Board a report of the result of such analysis in Form V in triplicate.

CHAPTER VIII

State Air Laboratory

16. *Functions of State Air Laboratory and fee for report.* — The State Air Laboratory established or specified by the Government shall cause to be analysed by the Government analyst any sample of air or emission received by it from any officer authorised by the Board for the purpose and shall be entitled to collect a fee for Rs. 200 (Rupees two hundred) for each report.

17. *Consent register.* — The Board shall maintain a register in Form VI containing particulars of industrial plants to whom consent has been granted under section 21.

18. *Functions to be performed by Board.* — In addition to the functions specified in sub-section (1) of section 17 of the Act, the Board shall conduct —

(a) research and development work on the effect of air pollution on the environment, living and non-living;

(b) performance studies on pollution control equipment to improve their efficiency for the purpose of enhancement of air quality; and

(c) studies to determine the effect of air pollutant on the health of the people.

19. *Repeal and saving.* — (1) All rules corresponding to these rules and in force before the commencement of these rules, are hereby repealed:

Provided that any order made or action taken under the rules so repealed shall be deemed to have been made or taken under the corresponding provision of these rules.

(2) Notwithstanding such repeal, anything done or any action taken in exercise of any power conferred by or under the said rules so repealed, shall be deemed to have been done or taken in the exercise of the powers conferred by or under these rules as if these rules were in force on the day on which such thing or action was done or taken.

FORM I

(See rule 10)

(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

Dated:

From

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

To

The Member Secretary,

...  
...  
...

Sir,

I/We hereby apply for CONSENT under Section 21 of the Air (Prevention and Control of Pollution) Act, 1981 (Central Act 14 of 1981) to make emission from Industrial Plant owned by (1) ... for a period upto (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 a 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 of CONSENT one month in advance of the date of expiry of the consented period for emission, if 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: ...

Address of applicant: ...

...

Accompaniments:

- (i) Index/site plan.
- (ii) Topographical map.
- (iii) Detailed layout plan of different processes and point sources of emissions and position of stacks and chimneys.
- (iv) Process flow sheet.
- (v) Latest Analysis Report.
- (vi) Details of Air Pollution Control devices provided or proposed to be provided.
- (vii) Ambient Air Quality report, if available.
- (viii) Draft No. ... dated ... for Rs. ... drawn on ... as consent fee ...

ANNEXURE TO FORM  
Chimney

Existing  
New  
Altered

Note:— Any applicant knowingly giving incorrect information or suppressing any information pertaining thereto shall be liable to any actions 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 one and not leave blank.

- 1. Full name of the applicant: .....  
 (a) With address: .....  
 .....  
 .....  
 .....  
 (Tel. No. ....)
- (b) Is the firm registered? .....
- (c) If yes, give the number and date of registration and the authority with whom registered: .....
- (d) Full address of the registered office: .....
- (e) Names, designations & full addresses of persons like Partners/Managing Director /Director/Manager, etc.: .....
- (f) Under which category does the industry fall (Major/ /Medium/Small Scale): .....
- 2. Full Name of the land/Premises/Institute/Factory Industry/ /Local body with address: .....  
 (Tel. No. ....)  
 Telegraphic Address: .....
- 3. Give Revenue/City Survey No. of the land/Premises for which the application is made: District: .....  
 Town: .....  
 Village: .....  
 City Survey No. ....  
 Revenue Survey No. ....  
 Area in Hectares: ...
- 4. State month and year in which the plant was actually put into commission or is proposed to be put into Commission: .....

- 5. State the Civil/Military Defence/ /Industrial Estate etc. under whose Administrative jurisdiction the occupiers industrial plant is situated: District: .....  
 Corporation: .....  
 Municipality: .....  
 Village Panchayat/ Cantonment/ Defence Deptt.: .....  
 Port Trust: .....  
 State Govt.: .....  
 Prohibited Areas: ....  
 Central Govt.: .....  
 Air Port Authority: .....
- 6. (a) State whether plant site 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. State working season per year of the plant: Full year .....  
 Continuous/Batchwise: From ..... to .....  
 From ..... to .....  
 From ..... to .....  
 Every year .....
- 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) Sanctuary / National parks/ Hills Mountains: .....  
 (vi) Ancient Mountains: .....
- 10. Climatological and Meteorological Details: (if available):—  
 (a) Indicate the climate conditions at the site (e.g. arid, semi-arid (etc.): .....  
 (b) Rainfall, yearly average range: .....  
 (c) Temperature, seasonal ranges: .....  
 (d) Information on speed and direction on wind: .....  
 (e) Humidity, solar radiation: .....
- 11. Give list of all materials used in the process in Metric tonnes/day:

List of Raw materials	Principal use	Amount in T/day
A process flow diagram must be included with this statement showing entry and exit points of all raw materials, intermediate products, by-products and finished products, Label process and control equipment:		

12. Fuel consumption in T/day:

	Coal	Oil	Wood	Natural Gas	Others (Specify)
1. Daily consumption in tonnes					
2. Calorific value					
3. Ash Content %					
4. Sulphur Content %					
5. Other (specify)					

13. Atmospheric Emission for each stack:

- (i) Stack No.
- (ii) Material 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) Inside dimensions of at top
- (vi) Gas Quantity (m<sup>3</sup>/hr.)
- (vii) Flue Gas temp. (°C)
- (viii) Exit velocity of the gas (m/sec.)


(a) Flue gas Emissions:

Analysis of flue gas in mg/m<sup>3</sup>

Stack No.	Type of fuel	Qty. of Fuel/hr.	Type of firing	SO <sub>2</sub>	HC	CO	Particulars	Other (specify)

(b) Process Emissions:

Quality of gas m <sup>3</sup> /hr.	SO <sub>2</sub>	CO <sub>2</sub>	CO	NO	Analysis of vent Hydrocarbons	Gas in mg/m <sup>3</sup> Particulars	Other (specify)

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

	Stack No.
50 .....	
10 .....	
5 .....	
3 .....	
1 .....	

(ii) Chemical composition (if available):

14. Give details of Flue gas sampling arrangements:

15. Give details of laboratory facilities available for analysis of emission:

16. Is there sufficient space available for installing air pollution control-equipment:

17. Details of Air Pollution control system:

(a) Existing:

(b) Proposed:

Give detailed specifications (Collectors, precipitators, scrubbers etc.):

18. State the total quantity of Air handled by ventilation equipment. Specify size and No. of equipments installed or to be installed:

19. Give the following details:

(a) Total investment in the factory and the year of investment:

(b) The estimated expenditure for implementation of the scheme to control air pollution:

(c) Expenditure incurred to date and progress achieved (physical) for air pollution control, if any, and the year/years of investments along-with physical progress achieved, the Firm should give details of action taken to date and the time required for the completion of 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:

20. Other relevant information, if any:

(Signature)

Name and Address of the applicant on behalf of Name and Address of the Firm:

EXPLANATORY NOTE FOR FILLING IN THE FORM AND THE ANNEXURE

The notes given only for these 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 or factory in continuation of legal business as per Air (Prevention and Control of Pollution) Act, 1981. If land/premises belong to the factory/industry say self. The industries are categorised based on the capital investment, as follows:—

Major industry — more than 2 crore rupees capital.

Medium industry — 10 lakhs to 2 crores.

Small scale industry — less than 10 lakhs rupees.

(2) Here mention the date upto 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 or factory in continuation of legal business as per Air (Prevention and Control of Pollution) Act, 1981. If land/premises belong to the factory/industry say self.

Item No. 2—Here give the registered name of the industry/institution factory/local bodies etc. under which the business is carried out.

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 °C in Summer, Winter, Monsoon & post monsoon seasons.

(d)—Here state the seasonal average wind direction and speed in and around the site of the plant. The above information can be had from representative, Meteorological Centre.

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

Chemical Analysis of the particulates matter in the emission should be furnished giving details such as organic matter, metals, non-metals, radioactive substances, asbestos, silicantes, etc.

Item No. 17—Here state the detailed specifications of control system used or proposed to be used with efficiency. Also furnish the layout 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.

THE GOA STATE POLLUTION CONTROL BOARD

FORM—II

[See rule 11(2)]

Notice of Inspection

Chairman

Member Secretary .....
Shri .....
No. ....
Dated .....

To

Take Notice that for the purpose of enquiry under section 21 the following officers of the Goa State Pollution Control Board namely:—

- (i) Shri .....
(ii) Shri .....
(iii) Shri .....

and the persons authorised by the Board to assist them shall inspect—

Any systems of your Industrial Plant.

Any other parts thereof or pertaining thereto under management/control of date (a) ... between ... hours when all facilities requested by them for such inspection should be made available to them on the site. Take Notice that refusal or denial to above stated demand made under the functions of the Goa State Pollution Control Board shall amount to obstruction punishable under section 37(1) of the Act.

By order of the Board
Member Secretary

Copy to:—

- 1. ....
2. ....
3. ....

THE GOA STATE POLLUTION CONTROL BOARD

FORM III

Notice of intention to have sample analysed

(See rule 14)

To ...

Take notice that it is intended to have analysed the sample of Air emission from your premises which is being taken today the ... day of ... 19 ... from (i)/

Name and designation of the person who takes the sample

(i) Here specify the stack, Chimney or any other emission outlets

To

...
...
...

FORM IV

Report by the Goa State Pollution Control Board Analyst

[See rule 15(1)]

Report No. ...

Dated the ...

I hereby certify that I, (\*\*) ... Goa State Pollution Control Board analyst duly appointed under sub-section (3) of section 26 of the Air (Prevention and Control of Pollution) Act, 1981, received on the (†) ... day of ... 19... from (\$) ... a sample of ... for analysis. The sample was in a condition fit for analysis reported below.

I further certify that I have analysed the aforementioned sample on (£) ... and declare the result of the analysis to be as follows:—

(§) ...

The condition of the seals, fastening and container on receipt was as follows:—

...
...

Signed this ... day of ... 19...
Address ...

...
...

(Signature)
State Board Analyst

To

...
...
...

(\*\*) Here write the full name of State Board analyst.

(†) Here write the date of receipt of the sample.

(§) Here write the name of the Board of person or body of persons or officer from whom the sample was received.

(£) Here write the date of analysis.

(§) Here write the details of the analysis and refer to the method of analysis. If the space is not adequate the details may be given on a separate sheet of paper.

FORM V

Report by the Government Analyst

[See rule 15(2)]

Report No. ...

Dated the ...

I hereby certify that I, (\*\*) ... Government analyst duly appointed under sub-section 1 of section 27 of the Air (Prevention and Control of Pollution) Act, 1981, received on the (†) ... day of ... 19... from (§) ... a sample of ... for analysis. The sample was in a condition fit for analysis reported below.

I further certify that I have analysed the aforementioned sample, on (£) ... and declare the result of the analysis to be as follows:—

(§) ...

...

Signed this ... day of ... 19...

(Signature)  
(Government analyst)

Address ...

...

To

...

...

(\*\*) Here write the full name of the Government analyst.

(†) Here write the date of receipt of the sample.

(§) Here write the name of the Board of person or body of persons or officer from whom the sample was received.

(£) Here write the date of analysis.

(§) Here write the details of the analysis and refer to the method of analysis. If the space is not adequate the details may be given on a separate sheet of paper.

FORM VI

Form of consent register

(See rule 17)

I. General:

(a) Consent is issued to:

(Corporation, Company, Government Agency, Firm etc.).

(b) Postal Address.

II. Location of plant or facilities: (Latitude and longitude must be to the nearest of 15 seconds)

(a) Nearest City ... District ...

(b) Latitude ... Longitude ...

(c) Is it located in air pollution control area — Yes/No. If yes, identification of air pollution control area.

III. Type of operation or process:

(a) Name of operation or process

(b) Schedule identification number

IV. Consents classification:

(a) Proposed

(b) Now operating

(c) Modification of existing emission source.

(d) Location change

(e) Ownership change

(f) Present-consent order Number if any ...

V. Implementation dates:

(a) In the case of proposed industries Operation expected to begin \_\_\_\_\_ (day) (month) (year)

(b) Air pollution control equipment and emission to be installed standards achieved by \_\_\_\_\_ (day) (month) (year)

VI. Emission Standards:

Emission source number (from plot plan)	Air Pollutant emitted	Emission rate kg/hour or standard/see.
(1)	(2)	(3)

VII. Consent conditions if any:

By order and in the name of the Governor of Goa.

A. T. Fernandes, Under Secretary to the Govt. of Goa (S. T. E. Department).