

**GOA
AIR
(PREVENTION AND CONTROL OF
POLLUTION)
RULES, 1989**

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1989**

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GOA AIR (PREVENTION AND CONTROL OF POLLUTION)

RULES, 1989

(As amended by series I No. 44 dated 29/01/2004)

Department of Science, Technology & Environment

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)(Amendment) Rules, 2003.

(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 recognized 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 ;

[(gg) "Gross Fixed Assets (G.F.A.) means the total value of the completed industry, operation, process, treatment/disposal system or an extension/addition thereto, and includes the value of land, buildings and plant/machinery."]³

(3) In the said rules, in rule 2, after clause '(g)' new clause '(gg)' has been inserted as at (3) above (Series I No 44 dated 29/01/2004)

- (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;

[(kk) "Total Estimated Investment (T.E.I.) means the total estimated cost of the proposed industry, operation, process, treatment/disposal system or an extension/addition thereto, and includes the estimated costs of land, buildings and plant/machinery."]⁴

- (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.

(4) In the said rules, in rule 2, after clause '(k)' new clause '(kk)' has been inserted as at (4) above (Series I No 44 dated 29/01/2004)

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(a) and shall be accompanied by fees as indicated in Table 1 below:-

Table-1

Total Estimated Investment (T. E. I.) (in lakhs of Rs.)	Consent Fee (in Rs.)
upto 1	100
above 1 - upto 2	200
above 2 - upto 3	300
above 3 - upto 4	400
above 4 - upto 5	500
above 5 - upto 6	600
above 6 - upto 7	700
above 7 - upto 8	800
above 8 - upto 9	900
above 9 - upto 10	1000
above 10 - upto 15	1200
above 15 - upto 20	1400
above 20 - upto 25	1600
above 25 - upto 35	
above 35 - upto 45	
above 45 - upto 55	2800
above 55 - upto 65	3200
above 65 - upto 75	3600
above 75 - upto 100	4000
above 100 - upto 500	5200
above 500 - upto 1000	6400
above 1000 - upto 2000	7600
above 2000 - upto 3000	10100
above 3000 - upto 4000	12600
above 4000 - upto 5000	15100
above 5000 - upto 10000	22600
above 10000 - upto 20000	30100

(1) In the said rule, new forms Table 1 and Table 2 are substituted as at (1) above (Series I No. 26 dated 24/09/1988, Extraordinary No. 2)

*If the T.E.I. value exceeds Rs.20,000 lakhs, a fee of Rs. 100/- per every additional 100 lakhs shall be payable in addition to Rs. 30,100/-.

- a. Any industry, operation, process, treatment/disposal system or an extension addition thereto, for which the consent to establish has been granted, shall be ready for operation within the validity period stipulated in the said consent to establish, failing which, a fresh application with requisite fees shall be made for re-validation.
- b. When any industry, operation, process, treatment/disposal system or an extension/addition thereto is established, an application for consent to operate (Consent) under sub-section (1) of section 21 of the Act shall be made in Form I (b) at least two months prior to the scheduled date of commencing operation and shall be accompanied by fees as indicated in Table 2 below.

Table-2

Gross Fixed Assets (G.F.A.) (in lakhs of Rs.)	Consent Fee (in Rs.)
upto 1	500
above 1 - upto 2	1,000
above 2 - upto 3	1,500
above 3 - upto 4	2,000
above 4 - upto 5	2,500
above 5 - upto 6	3,000
above 6 - upto 7	3,500
above 7 - upto 8	4,000
above 8 - upto 9	4,500
above 9 - upto 10	5,000
above 10 - upto 15	6,000
above 15 - upto 20	7,000
above 20 - upto 25	8,000
above 25 - upto 35	9,500
above 35 - upto 45	11,000
above 45 - upto 55	12,500
above 55 - upto 65	14,000
above 65 - upto 75	15,500
above 75 - upto 100	17,000
above 100 - upto 500	22,000
above 500 - upto 1000	27,000
above 1000 - upto 2000	37,000
above 2000 - upto 3000	47,000
above 3000 - upto 4000	57,000
above 4000 - upto 5000	67,000
above 5000 - upto 10000	97,000
above 10000 - upto 20000	1,27,000

*If the G.F.A. value exceeds Rs. 20,000 lakhs, a fee of Rs.500/-per every additional 100 lakhs shall be payable in addition to Rs. 1,27,000/-.

- c. Any application not accompanied by appropriate amount of fees shall not be entertained by the Board.
- d. Fees shall be paid by a bank draft in favour of the Goa State Pollution Control Board.
- e. An application for renewal of consent shall be made in Form I(b), at least two months prior to the expiry of the current Consent alongwith the requisite fees indicated in Table 2. Application for renewal of consent submitted after the validity period shall be accompanied by a penalty of 50% of the Consent fee.
- f. All applications shall be accompanied by an appropriate document as specified by the Board to certify the level of T.F.I. or the current value of G.F.A. of the industry, operation, process, treatment/disposal system or an extension/addition thereto, for which the consents are sought.

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 additional 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 -in-formation 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 there rules as if these rules were in force on the day on which such thing or action was done or taken.

[Form I (a)]

(See rule 10)

(To be submitted in 5 sets)

Application Form for obtaining consent to establish (under section 21 of the Air (Prevention and Control of Pollution) Act, 1981 (14 of 1981)).

From:

To,
The Chairman,
The Goa State Pollution Control Board,
243-Patto, Panaji- Goa – 403 001.

Sir,

I/We hereby apply for consent to establish under section 21 of the Air (Prevention and Control of Pollution) Act, 1981 (14 of 1981).

(2) The annexure, appendices, other relevant particulars and plans are submitted herewith in five sets.

(3) I/We further declare that the statements made and information furnished in the annexures, appendices and plans are true to the best of my/our knowledge.

(4) I/We undertake to furnish any other information within ONE MONTH of its being called for by the Board. I/We further understand that only the dates on which all the relevant particulars are furnished by me/us in order to make the application complete in all respects, will be reckoned as the date of making the application, irrespective of the date of submission of the original application, which is incomplete.

(5) I/We understand that the factory/unit can be put in operation only on obtaining CONSENT TO OPERATE as per the provisions of section 21 of the Air (Prevention and Control of Pollution) Act, 1981 (14 of 1981).

(6) Accordingly, I/We undertake that the production including the trial production shall not be commenced until and unless:-

(a) all the conditions which may be set out in the grant of consent to establish are complied with.

(b) consent to operate under the Air (Prevention and Control of Pollution) Act, 1981 and/or any other relevant Act is obtained.

g. I/We understand that any condition imposed by the Board while granting consent to establish will be binding on me/my company.

I/We enclose herewith the Bank Draft No. ----- date ----- for Rs. -----
------(Rupees-----only) in favour of Member Secretary, Goa State Pollution Control Board, Panaji as fees* payable under section 21 of the Act, 1981.

Yours faithfully,

Signature:

Name of the applicant:

Address:

*Please refer Table – I

ANNEXURE TO FORM I (a)

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. GENERAL:
 - 1.1 Name of the Industry:
 - 1.2 Location of the proposed Industry:
 - 1.3 Address for correspondence:
 - 1.4 Name and Address of the applicant with telephone number:
 - 1.5 Nationality of the applicant:
 - 1.6 Status of the applicant:
 - (a) Individual:
 - (b) Proprietary:
 - (c) Partnership firm:
(whether registered or unregistered)
 - (d) Joint family concern:
 - (e) Private Limited Company :
 - (f) Public Limited Company :
 - (g) Government Company :
 - (1) State Government:
 - (2) Central Government:
 - (3) Union Territory:

(h) Foreign Company:
(if Foreign company details of registration, incorporation, etc.)

(i) Any other Association or body:

1.7

Give Revenue/Survey number of land/premises for which the application is made stating District, Taluka and Village.
District:
Taluka:
Town:
Village:
Revenue Survey No.
Area in Hectares:

1.8

Purpose for which consent is required
(1)Setting up of new industry
(2)Expansion /Diversification/ Modifications

If it is for expansion/diversification/modifications, please furnish details.

1.9 (a) Total cost of the project (including cost of Land).

(5) Total Estimated investment (including cost of Land).

1.10 Number and date of provisional registration issued by Directorate of Industries and Mines for SSI units.

1.11 Date of submission of application to HPCC in case of Large/Medium Scale Industries.

1.12 Number of workers to be employed.

2. PRODUCTS AND RAW MATERIALS:

2.1 List of products and by products if any, with proposed quantity to be produced per month
Licensed capacity
Installed Capacity

2.2 List of raw materials used.
(Quantity/month)

3. MANUFACTURING PROCESS:

3.1 Give detailed description of manufacturing process along with a process flow diagram showing the entry and exit points of all raw materials, intermediate products, by-products, water pollution sources.

3.2 Have you any foreign collaboration?

4. SOURCES OF ENERGY :

4.1 Power Load: _____ MW/KW

4.2 D.G. Set : Rated capacity _____ in KVA

4.3 Boiler : Rating/Steam Generation
Capacity _____ tonnes per hour

4.4 Type of fuel used :

Name fuel	Quantity MT/month
(a) Wood	
(b) Coal	
(c) LSHS	
(d) Furnace Oil	
(e) LDO	
(f) HSD	
(g) Kerosene	
(h) Naptha	
(i) Others (specify)	

5. WATER CONSUMPTION :

5.1 Source of supply of water : PWD/Open wells/Bore Wells/Any
(m3/day)

5.2 State daily quantity of water use in Kilo Litres:

S.No.	Use	Quantity in Kilo Litres/day
(a)	For Manufacturing Process	
(b)	As wash water	
(c)	As cooling water	
(d)	As boiler feed	
(e)	Domestic	
(f)	D.M. Water	
(g)	Agriculture	
(h)	Spray in Mines	
(i)	Other uses (specify)	

6. WASTE WATER GENERATION:

6.1 State daily quantity of waste generated in Kilo litres:

Sl. No.	Source of Waste Water	Quantity in Kilo Litres/day
(a)	Manufacturing Process	
(b)	Wash Water	
(c)	Cooling Water	
(d)	Boiler Plant	
(e)	D.M. Water Plant	
(f)	Domestic	
(g)	Other uses (specify)	

6.2 Do you propose to recirculate any or all the above waste streams? Yes/No

If yes, give details :

6.3 Whether effluents need any treatment? Yes/No

If yes, give details of proposed waste-water treatment plant, schematic diagram, flowsheet or detailed engineering drawing along with design details, as the case may be :

6.4 Final point of disposal of waste-water
(Give name of river, nallah, pond or survey number of land along with site clearance).

6.5 Attach Water Balance Sheet:

6.6 Indicate characteristics of waste-water to be discharged before and after treatment.

(a) PHYSICAL :
Temperature
pH
Colour
Odour
Total Suspended Solids (mg/l.)

(b) Chemical:
BOD (mg/l)
COD(mg/l)
Oil & Grease (mg/l)
Sulphates
Metals like Nickel, Zinc, Tin,
Chromium, Cyanide

(c) Is there any discharge of specific toxic substances?

7. SOLID WASTE:

(a) Total quantity of solid waste (tons/month).

(b) Characteristics of solid waste

(c) Methods proposed for treatment and disposal

(a) Incineration

(b) Land filling

(c) Sale

(d) Composting

(e) Any other method

8. AIR POLLUTION:

8.1 Give details of air pollution sources such as process emissions, reaction on vessels, crushers, grinders, pulverisers, furnaces, boilers, power generation sets incinerators, etc. Control equipments, chimney/vents proposed for stacks. Chimney & vents diameter and height above ground level/roof level should be given for each of them:

8.2 Details of air pollution control measures with schematic diagram, flow sheet/detailed engineering diagrams, as the case may be, with respect to stack/chimney specifications, scrubber, ESP, bag filter, etc.

9. NOISE POLLUTION:

Give details of source of noise pollution such as process machinery, D.G. sets, grinders, ball mills, etc. and measures taken for control of noise from each noise pollution sources.

10. Is there any odour problem likely to occur from your industry?

11. POLLUTION CONTROL MANAGEMENT:

11.1	Expenditure proposed for	Capital	Recurring
(a)	Water pollution Control:		
(b)	Air Pollution Control:		
(c)	Disposal arrangements:		
(d)	Solid waste handling:		
(e)	Pollution monitoring:		

- 11.2 Total capital investment proposed on pollution control as a percentage of total investment of the industry:
- 11.3 Give details of the organisation proposed to be set up by you for the control of pollution:
12. Any other additional information about beneficial environmental impact from your industry:

Yours faithfully,

Signature:

Name of the applicant:

Address:

13. *ACCOMPANIMENTS:*

Following documents should invariably be attached.

- (1) Land allotment/Earmarking letter or lease/Sale deed.
- (2) Provisional registration in case of SSI.
- (3) Approval of VP/Municipality. (Not required for units to be set up in Industrial Estates).
- (4) Flow chart and detailed production process.
- (5) A copy of Project Report for Projects costing one crore and above.
- (6) Site Plan (not required for units to be set up in Industrial Estates).
- (7) Layout plan showing the location of manufacturing equipments, water supply/drainage lines, position of chimneys, effluent treatment plant and final discharge points and septic tanks/soak pits.

- (8) For medium and large scale units, environmental impact assessment and Oceanographic or other survey, if required, will have to be furnished in the prescribed time limit,
- (9) Site plan showing surrounding residential area, public places, water stream, etc. of the factory site within a radius of 5 kms with waste water treatment and disposal systems clearly indicating where waste water is proposed to be disposed off (for medium and large scale units):
- (10) Affidavit on stamp paper of value Rs. 5/- or Certificate from the Chartered Accountant certifying the Gross Fixed Asset Value.
- (11) Original authorisation letter of the person to whom authorisation is made to sign this application form except individual proprietary concern.

FORM I (b)

(See rule 10)

(To be submitted in DUPLICATE)

Application for consent for emission/continuation of emission under section 21 of the Air (Prevention and Control of Pollution) Act, 1981 (14 of 1981)

FROM

To,
The Chairman,
The Goa State Pollution Control Board,
243-Patto,
Panaji – Goa – 403 001.

Sir,

I/We hereby apply for Consent/Renewal of Consent under section 21 of the Air (Prevention and Control of Pollution) Act, 1981 (14 of 1981) to bring into use a new/altered *stack for the discharge of emission/to begin to make a new discharge of emission/to continue to discharge emission* from stack in industry owned by me/us_____.

The annexure, appendices, other relevant particulars and plans are submitted herewith in duplicate.

I/We further declare that the statements made and information furnished in the Annexures, appendices and plans are true to the best of my/our knowledge. I/We understand that it is an offence to make a false statement in applying for any proposed consent (vide section) 38 (f) of the said Act 1981).

I/We hereby submit that in case of any changes of the point or the quantity of the emission or its quality, a fresh application for CONSENT shall be submitted for such changes and unit such CONSENT is granted, no changes shall be made.

I/We hereby agree to submit to the Board, an application for RENEWAL OF CONSENT three months in advance of the date of expiry mentioned in the consent order.

I/We undertake to furnish any other information within ONE MONTH of its being called for by the Board.

I/We enclose herewith the Bank Draft No. _____ date _____ for Rs. _____ (Rupees _____ only) in favour of Member Secretary, Goa State Pollution Control Board-Panaji as fees**payable under section 25 of the Act.

Yours faithfully,

Signature(s):

Name of the Applicant(s):

Address:

*Strick out which is not applicable.

**Please see Table-II.

ANNEXURE TO FORM I (b)

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

Where filling this Annexure, the applicant not concerned with any of the item shall state "Not concerned" against relevant one.

- (1) Full Name of the applicant:
(in block letters)
- (2) Nationality of the applicant:
- (3) Status of the applicant:
 - (a) Individual:
 - (b) Proprietary:
 - (c) Partnership firm:
(whether registered or unregistered)
 - (d) Joint family concern:
 - (e) Private Limited Company:
 - (f) Public Limited Company:

(g) Government Company:

- (1) State Government:
- (2) Central Government:
- (3) Union Territory:

(h) Foreign Company:
(if Foreign Company details of registration, incorporation, etc.)

(i) Any other Association or body:

(4) (a) Full name of Industry/Factory/Institute/Premises/
Area/Land/Local Body with Address
and Telephone No:

(b) Name of the person authorised to sign this form:

(5) Give Revenue/survey number of land/premises for which the application is made stating District, Taluka and Village.

District:
Taluka:
Town:
Village:
Revenue Survey No.:
Area in Hectares:

(6) (a) State the month and the year in which the Industry/
Factory/Institute/Premises/Area/Land/ was actually put
into commission or proposed to be put into commission.

(b) Gross Investment on the industry and year of investment:

(d) Gross Fixed Assets value of the Industry:

(7) State the Civil/Military/Defence/
Industrial Estate etc., under whose
administrative jurisdiction the
applicants land/premises is situated

Municipality:
Panchayat:
Industrial Estate:
Defence Department:
Port trust:
State Government:
Prohibited Area:

(8) (a) State whether the Land/Premises/Factory/Industry has been declared as prohibited area. Yes/No

6)
7) (b) If yes, state the name of the Authority and furnish certified copy of the order under which the area has been declared as prohibited.

(9) Is the Industry/Factory for which application is made closed on any days of the week? Yes/No

If so, give the days on which it is closed.

(10) State the working season in a year for the Industry/Factory
 (a) Full Year
 (b) Part
 From To
 From To
 From To
 every year

(11)(a)

No. of workers attending the factory	Shift No. 1 Hours.	Shift No. 2 Hours.	Shift No. 3 Hours.	General shift Hours.

(b) No. of workers residing in the premises.

(12) Indicate the present use of the land in the vicinity (5 km. radius) of the :

- (1) Human settlement of more than 1000 population (specify population and distance from the plants)
- (2) Commercial:
- (3) Industrial:
- (4) Fisheries:
- (5) Sanctuary/national parks/hills/monuments:
- (6) Ancient monuments:
- (7) Agriculture:

(13) Climatological and Meteorological details (if available):

- (a) Indicate the climate conditions at site:
(e.g. arid, semi-arid etc.,)
- (b) Rainfall: yearly average range.
- (c) Temperature: Seasonal range.
- (d) Information on speed and direction of wind.
- (e) Humidity and solar radiation.

(14) Give the list of raw materials used (Tonnes/day)

Sl. No.	Name of materials	Principal use	Consumption 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 air emission and its control equipment.

(15) Fuels consumption in Tonnes/day.

Name	Consumption T/day	Calorific value Kcal/kg.%	Ash Content	Sulphur Content %	Others (specify)
	Wood				
	Coal				
	LSHS				
	Furnace Oil				
	LDO				
	HSD				
	Kerosene				
	Naphtha				
	Others (Specify)				

(16) (a) Give the list of names of products and by-products manufactured per day.

S.No.	Name of products/by-products	Actual Production	Installed capacity

(b) Attach process description of different products while highlighting accident prone and hazardous areas and also with (emission, waste water and solid waste) generation areas: (enclose separately):

(c) State batch/continuous Process:

(17) Furnaces/cupolas:

(a) No. of furnaces/cupolas:

(i) Installed:

(ii) In use:

(b) Date of Installation:

(c) Capacity:

(d) Purpose used :

(18) Boilers:

(a) No. of Boilers:

(i) Installed:

(ii) In use:

(b) Type:

(c) Capacity. (Tonnes/hr.)

(d) Method of fuel Charging:

(i) Oil/gas burner:

(ii) Grant charges

(manual/mechanical)

(e) Quantity of fuel used in boiler (kgs/hr.) _____

(19) D.G. Sets:

(a) No. of D.G. Sets:

(i) Installed. _____

(ii) In use. _____

(b) Date of Installation. _____

(c) Rated Capacity. (KVA/MW) _____

(d) Name and quantity of fuel used (kgs/hr.) _____

(20) Give details of Air Pollution control System with specifications and drawings for air pollutants:

(a) Existing:

(b) Proposed:

Give detailed specifications for cyclones, Electrostatic precipitators, scrubbers, Bag filters, etc.

(c) Give details of laboratory facilities available for analysis of emission.

(21) Give details of atmospheric emission for each stack (Process Boilers/DG Sets/other (specify) in the Sheet-I enclosed to the application.

(22) Fuel gas emissions : Analysis of fuel gas in mg/m³

For Boilers, D.G. Sets & other oil/gas fired equipment

Stack No.	Type of fuel used	Qty. of fuel kgs/hr.	Type of firing	SO ₂	HC	CO	Particulate Matter	(specified)

(23) Process emissions:

Stack No.	Qty. of Gas M ³ /hr.	SO ₂	CO ₂	CO	NO _x	HC	Particulate Matter	Others (specified)

- (24) Give details and percentage of recycling or re-use of waste water –treated effluent/other products, if envisaged:
- (25) State the total quantity of Air handled by Ventilation Equipment. Specify size and No. of equipments installed or to be installed:
- (26) Give the following details:
- (a) The estimated/actual expenditure for implementing the scheme to control Air pollution:
 - (b) Annual operation and maintenance cost of Air pollution control plant, if any:
 - (c) Further action that is being taken by the firm to control Air Pollution.
 - (d) Other relevant information, if any.

Signature(s): _____
Name(s) of the applicant(s): _____
Address of the applicant(s): _____

Accompaniments:

- (1) Photo copy of NOC or previous consent issued by this Board.
- (2) Index/Site plan.
- (3) Topographical map.
- (4) Detailed layout plan of different process and point sources of emissions and position of stacks and chimneys and any other relevant details.
- (5) Process description and process flow diagram.
- (6) Latest analysis report.
- (7) Details of Air Pollution control devices provided or proposed to be provided.
- (8) Affidavit on stamp paper of value Rs.5/- or Certificate from the Chartered Accountant certifying the Gross Fixed Asset Value.
- (9) Original authorisation letter of the person to whom authorisation is made to sign this application form except Individual propertory concern.

Accompaniments for Renewal of Consent Application:

- (1) Photo copy of previous consent order issued by this Board.
- (2) Latest Analysis reports within six months.
- (3) Details of changes.
- (4) Affidavit on stamp paper of value Rs.5/- or certificate from the Chartered Accountant certifying the Gross Fixed Asset Value.
- (5) Demand Draft.

SHEET – I

Stack No.	Stack attached to	Material of construction	Stack height in Mts.				Stack top	Gas*quantity. M3/hr.	Fuel gas Temp. OC	Exist gas velocity of gas (m/sec)
			Above the roof	Above the ground	Round/ Square/ Rectangular	Inside size at top				
	Process									
	Boilers									
	D.G. Sets									
	Others									

(2) In the said rules, for Form I, new forms “Form I(A) and Form I (b)” are substituted as at (2) above. (Series I No. 26 dated 24/09/1998, Extraordinary No. 2)

THE GOA STATE POLLUTON 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 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 (1)/

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 rules 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:-

.....

.....

(Signature)
State Board Analyst

To,

.....

.....

.....

-
- (**) Here write the full name of the 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 State 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 areas.--- 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 changes
- (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.
(S.T.E.) Department.

@@@@@

The principal rules were published in SERIES I No. 1 dated 10/04/1989 (extraordinary) and further amended vide the following notifications:-

- 1) SERIES I No. 26 dated 24/09/1998 (Extraordinary No. 2)
- 2) SERIES I NO. 44 DATED 29/01/2004.

OFFICIAL GAZETTE

Government of Goa

SERIES II NO. 16

18th JULY, 1991

Department of Science, Technology and Environment

Notification

15-2-89-STE

In exercise of the powers conferred by sub-section (1) of Section 29 of the Air (Prevention and Control of Pollution) Act, 1981 (Central Act 14 of 1981) (hereinafter referred to as the 'Said Act'), the Government of Goa hereby appoints Smt. S. Thara, Government Analyst, Public Health Institute, Government of Karnataka, Seshadri Road, Bangalore, to be Government Analyst for the purposes of section 29 of the said Act.

By order and in the name of the Governor of Goa.
Maria A. Rodrigues, Under Secretary (S.T.E.)
Panaji, 4th July, 1991

OFFICIAL GAZETTE

Government of Goa

SERIES I NO. 40

2nd JANUARY, 1992

Department of Science, Technology and Environment

Notification
14-1-88-STE

In exercise of the powers conferred by clause (a) of sub-section 2 of section 19 of the Air (Prevention and Control of Pollution) Act, 1981 (Central Act 14 of 1981), the Government of Goa, after consultation with the Goa State Pollution Control Board, hereby alters the air pollution control areas declared vide Notification No. GSR 765 (E), dated 16.11.84 of the Department of Environment, Government of India by extending the same to the remaining area of the State of Goa, with effect from the date of publication of this Notification in the Official Gazette.

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

Maria A. Rodrigues, Under Secretary to the Government of Goa, S.T.E. Department.

Panaji, 20th December, 1991.

OFFICIAL GAZETTE

Government of Goa

SERIES II NO. 2

16th JANUARY, 1992

Department of Science, Technology and Environment

Order

No.5-9-89-STE

The Government of Goa is pleased to notify the Environmental and Pollution Control Wing Laboratory, Directorate of Health Services, as “ environmental laboratory”, so recognized by the Ministry of Environment and Forests, Government of India, vide Notification No. 685 dated 24/10/1989, published in the Gazette of India, Extraordinary, Part II Section 3 Sub-Section (ii) dated 24/10/1984.

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

Marian A. Rodrigues, Under Secretary to the Government of
Goa, (S.T.E.).

Panaji, 6th November, 1991.

OFFICIAL GAZETTE

Government of Goa

SERIES I NO. 26

EXTRAORDINARY NO. 3

29th SEPTEMBER, 2007

Department of Science, Technology and Environment

Notification

5-4-88-STE

In exercise of the powers conferred by section 54 read with sub-section (3) of Section 31 of the Air (Prevention and Control of Pollution) Act, 1981 (Central Act 14 of 1981), and in consultation with the Goa State Pollution Control Board, the Government of Goa. hereby makes the following rules, namely:-

CHAPTER 1 Preliminary

1. *Short title and commencement:* - (1) These rules may be called the Goa Air (Prevention and Control of Pollution) Appeal Rules, 1997.

(2) They shall come into force on the date of their publication in the Official Gazette.

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) "appellant" means any person aggrieved by and appealing against an order made by the State Board under Section 21 of the Act,;

(c) "Appellate Authority" means an appellate authority constituted by the Government under section 31 of the Act;

(d) "Form" means the form annexed to these rules;

(f) "Member Secretary" means the Member Secretary of the State Board;

(g) "Section" and "Sub-section" means the section and the sub-section respectively of the Act;

(h) "State Board" means the Goa State Pollution Control Board constituted under sub-section (1) of section 4 of the Water (Prevention and Control of Pollution) Act, 1974 (Central Act 6 of 1974);

(i) Words and expression used in these rules but not defined, shall have the same meanings as assigned to them in the Act.

CHAPTER II Memorandum of Appeal

3. *Appeal to be filed by aggrieved persons.*- (1) Every appeal against an order passed by the State Board under section 21 of the Act shall be filed by the aggrieved person in Form 'A' if it relates to a matter covered by sub-sections (4) and (6) of section 21.

(2) Every aggrieved person preferring an appeal shall do so separately in his own name and no joint appeal made on behalf of more than one person shall be entertained by the appellate authority.

(3) (a) Every appeal shall --

(i) be in writing;

(ii) specify the name and address of the appellant and the date of the order appealed against;

(iii) specify the date on which the order appealed against was communicated to the appellant;

(iv) contain a clear statement of facts of the case and grounds relied upon by the aggrieved person in support of the appeal;

(v) state precisely the relief prayed for; and

(vi) be signed and verified by the appellant or his agent duly authorised by the appellant in writing in this behalf. .

(b) Every appeal shall be accompanied by -

(i) an authenticated copy of the order against which the appeal is made;

(ii) a copy of the application made under section 21; (as the case)

(iii) any document relevant to the appeal;

(iv) a satisfactory proof of the payment of the fee specified under the rules.

(c) A fee of Rs.1000/- only shall be deposited by every appellant in the office of the appellate authority and an authenticated copy of the receipt obtained therefore shall be affixed to every appeal. No appeal which is not accompanied by the aforesaid copy of the receipt shall be entertained by the appellate authority.

(4) Every appeal shall be submitted in quadruplicate and shall be presented to the appellate authority either by the appellant or by his authorised agent in person or may be sent to such authority by registered post. When the appeal is presented by an agent duly authorised by the appellant, it shall be accompanied by a letter of authority written on a stamped paper of the value as required by law, appointing him as such agent.

(5) On receipt of the appeal, the appellate authority or any person authorised by it in this behalf, shall endorse thereon the date of its presentation or receipt by post and the name of the appellant or his duly authorised agent presenting it as the case may be.

4. Procedure to be followed by the appellate authority in dealing with and disposal of the appeal.- (1) The Appellate Authority shall, as soon as may be, after the appeal is filed before it, fix a date for hearing the appeal and give notice of the same to the appellant and the Member Secretary of the State Board in Form 'B'. While giving such intimation to the Member Secretary, a copy of the appeal together with enclosures received with it, shall also be sent to the Member Secretary, and he shall be called upon to send to the appellate authority all the relevant records connected with the matter.

(2) Where the material on record is insufficient to enable the appellate authority to come to a definite decision, it may take additional evidence and call for such further material from the appellant or the Member Secretary, as it deems fit. Such material shall form part of the record, but not in respect of the party other than that from whom such records has been received unless such other party has been given an opportunity to peruse such record and defend itself against anything contained therein which is detrimental to the interest of that party:

Provided that the Appellate Authority may, pending disposal of an appeal or application, at any stage of the proceedings, stay the execution of the order appealed against;

Provided further that the Appellate Authority shall not stay the execution of the order appealed against without affording the State Board a reasonable opportunity of being heard in the matter.

(3) Where, on the date fixed for hearing or on any date to which the hearing of the appeal may be adjourned, the appellant or his duly authorised agent does not appear when the appeal is called for hearing, the appeal shall be liable to be dismissed.

(4) When an appeal is dismissed under sub-rule (3), the appellant may, within thirty days from the date of dismissal of appeal, apply to the Appellate Authority for the restoration of the appeal and if it is shown to the satisfaction of the Appellate Authority that the appellant had not received intimation of the date of hearing of the appeal or was prevented by any cause, sufficient in the

opinion of the appellate authority, from appearing when the appeal was called for hearing, the appellate authority may restore the appeal on such terms as it thinks fit.

5. *Order to be in writing.* - The order passed by the Appellate Authority on the appeal shall be in writing and shall state clearly the points before it for determination, the decision thereon, and the reasons for the decision.

6. *Supply of copy of order to the appellant and the State Board.* - A copy of the order passed in appeal shall be supplied by the appellate authority free of cost to the appellant and a copy thereof shall also be sent to the Member Secretary of the State Board.

FORM 'A'

[See rule (1)]

Before the Appellate Authority constituted under section 31 of the Air (Prevention and Control of Pollution) Act, 1981 (Central Act 14 of 1981).

Memorandum of appeal of Shri Appellant

V/s

The Goa State Pollution Control BoardRespondent

The appeal of Shri.....
resident ofDistrict.....against the Order No.....
dated.....passed by the Goa State Pollution Control Board, showeth as follows:

(I) Under Section 21/22 of the Air (Prevention and Control of Pollution) Act, 1981 (Central Act 14 of 1981);

- * The appellant has been refused Consent.
- * The Consent has been withdrawn by the State Board.
- * The Consent has been granted subject to the conditions mentioned in the order passed by the Goa State Pollution Control Board in respect.....of.....the.....
Company/Corporation/Municipality/Notified Area Committee etc. noted below:

- (a) name of the Plant/Company/Corporation/Municipality/Notified Area Committee;
- (b) Place;

- (c) Name of the street; and
- (d) District.

A copy of the consent order in question is attached hereto.

(2) The facts of the case are as under:-
(here briefly mention the facts of the case.)

(3) The grounds on which the appellant relies for the purpose of this appeal are as below:-

(Here mention the grounds on which the appeal is made)

(4) In the light of what is stated above, the appellant respectfully (a) prayeth that the unreasonable condition(s) imposed should be treated as annulled or it/they should be substituted for such other condition(s) as appears to be reasonable

or

(b) the unreasonable condition(s),should be varied in the following manner (here mention the manner in which the conditions (s) objected should be revised).

An amount of Rs..... as fee for this appeal has been paid vide receipt No..... dated..... an authenticated copy of which is attached in proof of payment.

Signature of the Appellant

Name (in Block letters):

Occupation:

Address:

Date:

VERIFICATION

I.....(appellant's name) in the above Memorandum of appeal/or duty authorised agent do/does hereby declare that what is stated therein is true to the best of my knowledge and belief and nothing has been hidden thereunder.

Signature

Name (in Block letters):
Occupation:
Address:

Date:

FORM 'B'

Form of Notice

[see rule 4 (1)]

Before the Appellate Authority constituted under section 31 of the Air (Prevention and Control 'of Pollution) Act, 1981 (Central Act 14 of 1981).

Shri

.....
(here mention name and address of appellant) -Appellant

V/s

The Goa State Pollution Control Board -
Respondent

In the matter of appeal No..... 199..... filed under section 31 of the Air (Prevention and Control of Pollution) Act, 1981 (Central Act 14 of 1981).

Whereas Shri
(here mention name and address of the appellant) has filed before the Appellate Authority a Memorandum of Appeal against the order..... dated..... passed by the Goa State Pollution Control Board under section 21 of the Air (Prevention and Control of Pollution) Act 1981.

And whereas under sub-section (4) of section 31 of the Act. this Authority is required to give the parties an opportunity of being heard.

Now, therefore, please take notice that the Appellate Authority has fixed as the date of hearing of the aforesaid appeal. The hearing shall take place at a.m./p.m., on that date in the office of the State Board at..... You are hereby called upon to appear before the Appellate Authority at the appointed time and date, either in person or through a duly authorised agent, and explain your case. Please take notice that failure on your part to appear on the day of hearing either in person or through a duly authorised agent, without showing sufficient cause to the satisfaction of the Appellate Authority will make your appeal liable to be dismissed or decided ex-parte.

Given under the hand and seal of the Appellate Authority at.....

*Delete whatever is not applicable.

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

Dr. N.P.S. Varde, Director and Joint Secretary (STE).

Panaji, 23rd September, 1997

OFFICIAL GAZETTE

Government of Goa

SERIES II NO. 26

Extraordinary No. 3

29th SEPTEMBER, 1991

Department of Science, Technology and Environment

Notification

5-4-88-STE

In exercise of the powers conferred by sub-section (1) and (2) of section 31 of the Air (Prevention and Control of Pollution) Act, 1981 (central Act 14 of 1981) (hereinafter called the 'said Act'), the Government of Goa hereby constituted an Appellate Authority consisting of the President of the Administrative Tribunal, Goa, for the purposes of the said Act, with immediate effect.

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

Dr. N.P.S. Varde, Director and Joint Secretary (STE).

Panaji, 19th March, 1997.