
RAJASTHAN AIR (PREVENTION & CONTROL OF POLLUTION) RULES, 1983

G.S.R. 59—In exercise of the powers conferred by section 54 of the Air (Prevention and Control of Pollution) Act, 1981 (Central Act 14 of 1981), the State Government after consultation with the State Board for the Prevention and Control of Water Pollution, hereby makes the following rules; namely:—

CHAPTER I

Preliminary

1. **Short Title and Commencement**—(1) These rules may be called the Rajasthan Air (Prevention and Control of Pollution) Rules, 1983.

(2) These shall come into force on the date of their publication in the Official Gazette.¹

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) "Form" means a form annexed to these rules;
- (c) "Section" means the section of the Act;
- (d) "Schedule" means the schedule appended to the Act;
- (e) Words and expressions used but not defined in these rules and defined in the Air (Prevention and Control of Pollution) Act, 1981 (Central Act 14 of 1981) shall have the meaning respectively assigned to them in that Act.

1. Published in Rajasthan Gazette, Extra-ordinary, Part 4 (G), 24 November, 1983, P. 235.

CHAPTER 2

Manner of Declaration of Air Pollution Control Area

3. Manner of declaration of any area or areas within the State as air pollution control area or areas—Any area or areas within the State may be declared as air pollution control area or areas either by reference to a map or by reference to the boundry of any district or by reference to the circumference or boundry of the industry specified in the schedule or partly by one method and partly by another.

CHAPTER 3

The form of application for the consent of the State Board, the fees payable therefore, the period within which such application shall be made, the particulars it may contain and the procedure for making enquiry for giving consent

4. The form of application for consent—An application for obtaining the previous consent of the State Board for operating any industrial plant under section 21 shall be made to the State Board in Form-I:

Provided that where any person, immediately before the declaration of any area as an air pollution control area under sub-section (1) of section 19 of the Act, was operating in such area any industrial plant for the purpose of any industry specified in schedule such person shall make an application in Form I within four months from the date of declaration of air pollution control area.

5. Consent fee—(1) Application under rule 4 shall be accompanied by the fees as mentioned in the table below:

TABLE

Category of Industry	Fees in Rupees
a. Major having an investment of more than Rs. 2 crores.	10,000
b. Medium having an investment of more than Rs. 10 Lakhs but less than Rs. 2 crores	5,000
c. Small Scale having an investment of less than Rs. 10 lakhs	2,000

1	2
26.	Automobiles Manufacturing/ assembling (small and tiny scale unit)
27.	Industry or processes involving metal treatment or process such as pickling, paint stripping, heat treatment, phosphating or finishing, and so on small and tiny scale unit
28.	Slaughter house, meat processing and carcass plant (Non Mechanized)
29.	Ceramic/ refractories (small and tiny scale unit)
30.	Explosives, fire crackers and allied (small and tiny scale unit)
31.	Milk processing, dairy products and allied (small and tiny scale unit)
32.	Fermentation industry such as manufacture of yeast, Beer and so on (small and tiny scale unit)
33.	Soft drink, mineral water and allied (small and tiny scale unit)
34.	Food, vegetable, fruits processing unit including confectionery (small and tiny scale unit)
35.	Vegetable (Refinery, extraction) oil, hydrogenation and allied (small and tiny scale unit)
36.	Wool scouring (small and tiny scale unit)
37.	Glass and fiber glass production/ processing/ moulding
38.	Paraboiled rice mill
39.	Lime/ Hydrated Lime manufacturing
40.	Brick Kiln
41.	Marble/ Granite/ Kota Stone or any other dimensional stone cutting and polishing
42.	Stone crusher \leq 600 TPD and or jaw crusher size \leq 15" X 30"

1	2
43.	Yarn and textile manufacturing/ processing not involving scouring, bleaching, dyeing, printing or any effluent/ emission generating process including spinning/ weaving unit
44.	Yarn and textile processing involving scouring, bleaching, dyeing, printing or any effluent/ emission generating process and located at isolated places i. e. other than cluster areas (small and tiny scale unit)
45.	Carpet processing unit
46.	Water Treatment Plant
47.	Plastics processing unit
48.	Foot wear unit
49.	Plywood, particle boards, lamination and veneer manufacturing
50.	Paints, enamels and varnishes (Blending and mixing)
51.	Paper Board and unit producing paper from waste paper without digestion using Hydro pulper or ready pulp without bleaching
52.	Ferrous and non-ferrous metal (without metallurgical operation)
53.	Bio Fertilizer
54.	Automobile Service Station
55.	Wooden handicraft/ articles, seasoning plant and surface treatment unit
56.	Metal handicraft unit having furnaces or chemical treatment facility
57.	Plaster of Paris
58.	Surgical and medical products not involving prophylactics and latex
59.	Food additives

1	2
60.	Flour Mill (other than tiny unit)
61.	Salt manufacturing
62.	Mechanized concrete batch mixing plant (Ready Mix Plant)
63.	Prefabricated concrete block, tiles and so on
64.	Establishments/ activities having D.G Set (More than 100 KVA)
65.	CFL, Tube light, Bulb and so on
66.	Guar and Guar Gum
67.	Gypsum Board
68.	Marriage garden, community center and club with kitchen facilities
69.	Institutions for training, education, capacity building
70.	Computer software development and business promotion centres employing more than 50 persons
71.	Ice Factory, Cold Storage and Refrigeration
72.	Gems and Jewellery (other than tiny unit)
73.	Saw Mill
74.	Synthetic rubber and foam moulding only
75.	Wet mix macadam
76.	Mosaic Tiles manufacturing
77.	Stone carving unit using power more than 10 hp
78.	Battery assembling

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CHAPTER 8

Report of Government Analyst

11. **Form of Report of Government Analyst**—The report of Government analyst shall be in Form-V.

CHAPTER 9

State Air Laboratory

12. **Function of the State Air Laboratory**—The State Air Laboratory shall cause to have analysed any sample of Air or Air Pollutants or emission received from any person and the findings of results shall be recorded in form-V. The fees for each such report shall be Rs. 350/-.

CHAPTER 10

The Qualification for Government or Board Analyst

13. **Qualification for Government or State Board Analyst**—The qualification for the appointment of Government or State Board Analyst under sub-section (1) or (2) of section 29 shall be atleast IInd class M.Sc. in Basic Sciences, or Life Sciences, or earth sciences, with 3 years experience in environmental quality management.

CHAPTER 11

Appeals

14. **Memorandum of Appeal**—(1) Any person aggrieved by an order made by the State Board under sections 20, 21 or 22 may file an appeal to the Appellate Authority constituted by the State Government in Form-VI.

(2) The fees payable for an appeal shall be Rs. 50/- which shall be deposited in the office of the Appellate Authority and an authenticated copy of the receipt obtained shall be annexed to the memorandum of appeal.

(3) Every appeal shall (i) be in writing; (ii) specify the name and address of the appellant and date of the order

appealed against; (iii) specify date on which the order 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 an agent duly authorised by appellant in writing in this behalf.

(4) Every appeal shall be accompanied by ;—(a) an authenticated copy of the order against which appeal is preferred; (b) any document relevant to the appeal; and (c) a satisfactory proof of the payment of the fees prescribed under sub-rule (2).

(5) Every memorandum of appeal shall be submitted in quadruplicate in the office of the Appellate Authority and shall either be presented by the appellant or his authorised agent in person or sent to the office of Appellate Authority by registered post. When the memorandum of appeal is presented by an agent duly authorised by the appellant, it shall be accompanied by a power of attorney.

(6) On receipt of the memorandum of appeal, the Appellate Authority 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.

(7) The Appellate Authority shall, as soon as may be after the memorandum of appeal is filed before it, fix a date for hearing the appeal and give intimation of the same to the appellant and the member-Secretary of the State Board in Form-VII. While giving such intimation to the member-Secretary a copy of the memorandum of appeal together with its enclosures 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 relating to the appeal.

(8) 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 liable to be dismissed or may be decided *ex Parte*.

(9) Where an appeal is dismissed under sub-rule (8) the appellant may, within 30 days from the date of dismissal of the 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.

(10) 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 same.

(11) A copy of the order passed in appeal shall be supplied by the Appellate Authority, free of cost to the appellant as well as to the Member-Secretary.

CHAPTER 12

Maintenance of Register

15. **Consent Register**—State Board shall maintain register in Form-VIII as required by section 51.

FORM-I

(To be submitted in Triplicate)

APPLICATION FOR CONSENT FOR EMISSION/ CONTINUATION OF EMISSION UNDER SECTION 21 OF THE ACT.

(See Rule 4)

Dated :

From... ..
.....
.....

To,

The Member-Secretary,
Rajasthan State Board for Prevention
and Control of Water Pollution, Jaipur
Sir,

Raj. Air (Prev. & Con. of Pollution) Rules, 1983

- (1) I/We hereby apply for consent under section 21 of the Air (Prevention and Control of Pollution) Act, 1981 (Central Act of 1981) to make emission from Industrial plant owned/Control by (a)..... for a period upto (b).....
- (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.
- (5) I/We hereby agree to submit to the State Board, application for renewal of CONSENT one month in advance from the date of expiry of the consented period for emission.
- (6) I/We undertake to furnish any other information within one month of its being called for by the State Board.
- (7) I/We enclose herewith Bank Draft No. Date..... for Rs. (Rupees.....) in favour of the Rajasthan State Board for the Prevention and Control of Water Pollution, Jaipur as fees payable under rule 5 of these rules.

Yours faithfully

Signature... ..
Name of Applicant... ..
Address of Applicant... ..

Enclosures : (i) Index/Site Plan. (ii) Topographical map. (iii) Detailed layout plan of different process 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... .. date..... for Rs..... drawn on..... as consent fees.

ANNEXURE-I TO FORM-I

Chimney

Existing

New

Altered

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

1. Full name of the applicant with address
(Tel. No.)
2. Full name of the land/Premises/Institute/Factory/Industry/Local body with Address.
(Tel. No.)
3. Give revenue/City Survey Number of the land/permises for which the application is made, stating District, Tehsil and village.
District
Town
Village
City Survey No.
Revenue Survey No.....
Area in Hectares
4. State month and year in which the industrial plant was actually put into Commission or is proposed to be put up into commission.
.....
5. State the Civil/Military/Defence/Industrial Estate etc. under whose Administrative jurisdiction the industrial plant is situated.
District
Corporation
Municipality
Village Panchayat/

Cantonment/Defence ...
 Deptt.
 Industrial Estate.....
 State Govt.....
 Prohibited Area
 Central Govt.....
 Air Port Authority

6. (a) State Whether site of Industrial plant has been declared as prohibited area. Yes/No
- (b) If yes, state the name of the Authority and furnish a certified copy of the order under which the area has been declared as prohibited area.
7. State working season per year of the plant. Full year
- From to
- From to
- From to
- Continuous/Batchwise 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 of Industrial plant (5 km. radius)
- (i) Human settlements of more than 100 population, (specify population and distance from the Industrial Plant).....
 - (ii) Commercial
 - (iii) Industrial
 - (iv) Fisheries
 - (v) Sanctuary/National... Parks/Hills/Mountain
 - (vi) Ancient Monuments...

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10. Climatological and Meteorological Details : (If available)
- (a) Indicate the climatic conditions at the site of Industrial plant (e. g. arid semi-arid etc.)
 - (b) Rainfall, yearly average, range.
 - (c) Temperature, seasonal ranges :
 - (d) Information on speed and direction of 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
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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 equipments.

12. Fuel Consumption in T/day.

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

13. Atmospheric Emission from each stack

- (i) Stack No.
- (ii) Material of construction of stack
- (iii) Stack attached to

- (iv) Stack height ;
 - (a) Above the roof (in Mts.)
 - (b) Above the ground.
 - (c) Above the ground level/Mts.
- (v) Stack top :
 - (a) Round or Circular
 - (b) Inside dimensions of the stack at top
- (vi) Gas quantity m³/hr.
- (vii) Fuel gas temp. C°
- (viii) Exit velocity of the gas—m/sec.

(a) Fuel Gas Emissions :

Analysis of fuel gas in mg/m³

Stack No.	Type of Fuel	Qty. of fuel/hr.	Type of firing	SO ²	HC	CO	Particulates	Other (Specify)

(b) Process Emissions :

Quality of gases/hr.	SO ₂	CO ₂	CO	NO	Analysis of vent gas in mg/m ³	Particulates	Other Specify
					Hydrocarbon		

(c) Particulates analysis (if available) size distribution.

- 50 _____ %
- 10 _____ %
- 5 _____ %
- 3 _____ %
- 1 _____ %

Stack No.

--	--

(ix) Chemical composition (if available)

14. Give details of fuel gas sampling arrangements.

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15. Give details of laboratory facilities available for analysis of emissions.
16. Is there sufficient space available for installing air pollution control equipment
17. Details of Air Pollution Control System. (a) Existing
Give detailed specification : (b) Proposed
(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 implementing 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 alongwith 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 Company.

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applicant industry or factory. If land/premises belong to the factory/industry, say self.

- (2) At item (1)(b) mention the date upto which the consent is sought for.

ANNEXURE-I TO FORM-I

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, if the same does not belong to the applicant industry or factory. 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 and Post Monsoon seasons.

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

Item No. 13. Analysis of the fuel gas emission, process emission and particulates analysis should be done for each stack emissions. Wherever stacks are not provided the top floor specific pollutants concentration 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, silicon etc.

FORM-II

RAJASTHAN STATE BOARD FOR THE PREVENTION
AND CONTROL OF WATER POLLUTION
NOTICE OF INSPECTION

[See Rule 6(2)]

CHAIRMAN

Member-Secretary

Shri

No. .

Dated

To,

TAKE NOTICE that for the purpose of enquiry under section 21 of the Air (Prevention and Control of Pollution) Act, 1981 the following officers of the State Board, namely:—

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

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

- (1) any system of your industrial plant; and
- (2) any other parts thereof or pertaining thereto under management/control of _____ on date(s) _____ between _____ hours

Also note that all facilities required by them for such inspection should be made available to them on the site.

Copy to :

- 1.
- 2.
- 3.

BY ORDER OF THE BOARD
MEMBER-SECRETARY

FORM-III

RAJASTHAN STATE BOARD FOR PREVENTION AND CONTROL OF WATER POLLUTION
NOTICE OF INTENTION TO HAVE SAMPLE ANALYSED

[See Rule 9]

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 taking the samples.

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

To,
.....

FORM-IV

REPORT OF THE STATE BOARD ANALYST

[See Rule 10]

Report No....
Dated the....

I hereby certify that I, (I) ... State Board Analyst duly appointed under sub-section (2) of section 29 of the Air (Prevention and Control of Pollution) Act, 1981 (Central Act 14 of 1981) received on the (II) ... day of ... 19 ... from (III) ... 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 (IV) ... and declare the result of the analysis to be as follows :—

(V)

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

.....
signed this day of 19
Address.....
.....
.....

(Signature)
State Board Analyst

- (I) Here write the full name of the State Board Analyst.
- (II) Here write the date of receipt of the sample.
- (III) Here write the name of the Board or person or body of persons or officer from whom the sample was received.
- (IV) Here write the date of analysis.
- (V) Here write the details of the analysis and refer 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 11 and 12]

Report No... ..
Dated the... ..

I hereby certify that I, (I)
Government analyst duly appointed under sub-section (1) of section 29 of the Air (Prevention and Control of Pollution) Act, 1981 (Central Act 14 of 1981) received on the (II)
..... day of 19
from (III) 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 (IV) and declare the result of the analysis to be as follows :—

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(V)

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

Signed this day of 19

(Signature)
Government Analyst

Address

To,

.....

- (I) Here write the full name of the Government Analyst.
- (II) Here write the date of receipt of the sample.
- (III) Here write the name of the Board or person or body of persons or officer from whom the sample was received.
- (IV) Here write the date of analysis.
- (V) Here write the details of the analysis and refer 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 MEMORANDUM OF APPEAL

[See Rule 14]

Before

(Here mention the Name & Designation of Authority)

Memorandum of Appeal under section 31 of the Air (Prevention and Control of Pollution) Act, 1981 (Central Act 14 of 1981);

Appeal No.

..... Appellant

V/s.

Rajasthan State Board for the Prevention and Control of Water Pollution, JAIPUR.

Respondent,

The appellant named above, begs to prefer this appeal against the Order No. dated passed by, the Rajasthan State Board for Prevention and Control of Water Pollution and was communicated to the Appellant on under section of the Air (Prevention and Control of Pollution) Act, 1981 on the following grounds :—

1. The facts of the case are as under :
(here briefly mention the facts of the case)
2. The grounds on which the appellant relies for the purpose of this appeal are as below :
(here mention the grounds on which appeal is made).
 - (1)
 - (2)
 - (3)

In the light of what is stated above, the appellant respectfully pray that.

An amount of Rs. as fees for this appeal has been paid vide receipt No. Date and authenticated copy of which is attached as proof of payment.

Signature of the Appellant.
(Name in Block letters)

Occupation
Address... ..

Verification

I the appellant in the above appeal/or duly authorised agent of the appellant do/does hereby declare that what is stated herein is true to the best of my knowledge and belief and nothing has been concealed in it.

Signature.... ..
Name
(in block letters)
Occupation
Address

Date :

FORM-VII

FORM OF NOTICE

[See Rule 14(7)]

Before
(here mention the Name & Designation of the Authority)

In the matter of appeal No. 19 .. filed
under section 31 of the Air (Prevention and Control of Pollution)
Act, 1981 (Central Act 14 of 1981) by Shri... ..
(here mention the name and address of the appellant).

V/s.

Rajasthan State Board for Prevention and Control of
Water Pollution, Jaipur. Respondent.

WHEREAS Shri
(here mention the name and address of the appellant) has filed
before this Authority an appeal against the order No.
dated passed by the Rajasthan State Board for
the Prevention and Control of Water Pollution under section
... of the Act.

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

NOW THEREFORE, please take notice that this Autho-
rity has fixed the date of hearing of
the aforesaid appeal. The hearing shall take place at.... .. A.M.
on that date. You are hereby called upon to appear before this
Authority at the appointed time, date and place, 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 this
Authority, will make your appeal liable to be dismissed or decide
ex parte.

Given under the hand and seal of the Appellate Authority
at this day 19... ..

FORM-VIII

CONSENT REGISTER

[See Rule 15]

I. General

(a) Consent is issued to :

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

(b) Postal Address

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

(a) Nearest City

(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. Consent Classification ;

Yes

No

(a) Proposed

.....

.....

(b) Now operating

.....

.....

(c) Modification of existing emission source.

.....

.....

(d) Location change

.....

.....

(e) Ownership change

.....

.....

(f) Present consent order

.....

.....

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V. Implementation Dates :

(a) In the case of proposed industries operation expected to begin

... ..
 Day Month Year

(b) Air Pollution Control equipment to be installed and emission standards achieved by

... ..
 Day Month Year

VI. Emission Standards ;

Emission Source Number (From Plot/Plant)	Air pollutant emitted	Emission rate Kg/ hour or standard
1	2	3

VII. Consent conditions if any.

The first part of the paper is devoted to a general discussion of the problem. It is shown that the problem is well-posed in the sense of Hadamard. The second part is devoted to the construction of the numerical algorithm. The algorithm is based on the method of finite differences. The third part is devoted to the numerical results. The results show that the algorithm is stable and accurate.

Time	Value
0	1.0
1	0.9
2	0.8
3	0.7
4	0.6
5	0.5
6	0.4
7	0.3
8	0.2
9	0.1
10	0.0

The results show that the algorithm is stable and accurate. The error is of the order of 10^{-6} .

The fourth part is devoted to the conclusion. It is shown that the algorithm is stable and accurate. The fifth part is devoted to the references. The references are given at the end of the paper.