

**RESTRICTIONS ON LOCATION OF INDUSTRIES, MINING
OPERATIONS AND OTHER DEVELOPMENT ACTIVITIES IN DOON
VALLEY IN UTTAR PRADESH**

MINISTRY OF ENVIRONMENT & FORESTS

(Department of Environment, Forests & Wildlife)

New Delhi, the 1st February, 1989

NOTIFICATION

NOTIFICATION under section 3(2)(v) of Environment (Protection) Act, 1986 and Rule 5(3) (d) of Environment (Protection) Rules, 1986 Restricting location of industries, mining operations and other development activities in the Doon Valley in Uttar Pradesh.

S.O.102(E) – Whereas notification under sub-rule (3) of rule 5 of the Environment (Protection) Rules, 1986, inviting objections against the imposition of restriction on location of industries, mining operation and other developmental activities in the Doon Valley, in Uttar Pradesh was published vide No. S.O. 923(E), dated the 6th October, 1988;

And Whereas all objections received have been duly considered by the Central Government;

Now, therefore, in exercise of the powers conferred by clause (d) of sub-rule (3) of Rule 5 of the said rules, the Central Government hereby imposes restrictions on the following activities in Doon Valley, bounded on the North by Mussorie ridge, in the North-East by Lesset Himalayan range, on the South-West by Shivalik ranges, river Ganga in the South-East and river Yamuna in the North-West, except those activities which are permitted by the Central Government for examining the environmental impacts.

(i) Location, setting of industrial units – It has to be as per guidelines, given in the annexure or guidelines as may be issued from time to time by the Ministry of Environment & Forests, Government of India.

(ii) Mining – Approval of the Union Ministry of Environment & Forests must be obtained before starting any mining activity.

(iii) Tourism – It should as per Tourism Development Plan (TDP), to be prepared by the State Department of Tourism and duly approved by the Union Ministry of Environment & Forests.

(iv) Grazing – As per the plan to be prepared by the State Government and duly approved by the Union Ministry of Environment & Forests.

(v) Land Use – As per Master Plan of development and Land Use Plan of the entire area, to be prepared by the State Government and approved by the Union Ministry of Environment & Forests.

[No. J-20012/38/86-1A]

K.P. GEETHAKRISHNAN, Secy.

ANNEXURE

Guidelines for permitting, restricting industrial units in the Doon Valley area

Industries will be classified under Green, Orange and Red categories as shown below for purposes of permitting/restricting such industrial units in the Doon Valley from the environmental and ecological considerations :

CATEGORY GREEN

A. LIST OF INDUSTRIES IN APPROVED INDUSTRIAL AREAS WHICH MAY BE DIRECTLY CONSIDERED FOR ISSUE OF NO OBJECTION CERTIFICATE WITHOUT REFERRING TO (MINISTRY OF ENVIRONMENT & FORESTS) (IN CASE OF DOUBTS REFERENCE WILL BE MADE TO MINISTRY OF ENVIRONMENT & FORESTS).

1. All such non-obnoxious and non-hazardous industries employing upto 100 persons. The obnoxious and hazardous industries are those using inflammable, explosive, corrosive or toxic substances.
2. All such industries which do not discharge industrial effluents of a polluting nature and which do not undertake any of the following process:
 - Electroplating;
 - Galvanizing;
 - Bleaching;
 - Degreasing;

Phosphating;
Dyeing;
Pickling, tanning;
Polishing;
Cooking of fibres and Digesting;
Designing of Fabric;
Unhairing, Soaking, delimiting and bating of hides;
Washing of fabric;
Trimming, Puling, juicing and blanching of fruits and vegetables;
Washing of equipment and regular floor washing, using of considerable cooling water;
Separated milk, buttermilk and whey;
Stopping and processing of grain;
Distillation of alcohol, stillage and evaporation;
Slaughtering of animals, rendering of bones, washing of meat;
Juicing of sugar cane, extraction of sugar, Filtration, centrifugation, distillation;
Pulping and fermenting of coffee beam;
Processing of fish;
Filter back wash in D.M. Plants exceeding 20 K.I. per day capacity;
Pulp making, pulp processing and paper making Coking of coal washing of blast furnace flue gases;
Stripping of oxides;
Washing of used sand by hydraulic discharge;
Washing of latex etc;
Solvent extraction.

3. All such industries which do not use fuel in their manufacturing process or in any subsidiary process and which do not emit fugitive emissions of a diffused nature.

Industries not satisfying any one of the three criteria are recommended to be referred to Ministry of Environment & Forests.

The following industries appear to fall in non-hazardous, non-obnoxious and non-polluting category, subject to fulfillment of above three conditions :

1. Atta-chakkies
2. Rice Mullors
3. Iceboxes

4. Dal mills
5. Groundnut decortinating (dry)
6. Chilling
7. Tailoring and garment making
8. Apparel making
9. Cotton and woolen hosiery
10. Handloom weaving
11. Shoe lace manufacturing
12. Gold and Silver thread and sari work
13. Gold and Silver smithy
14. Leather Footwear and leather products excluding tanning & hide processing.
15. Manufacture of mirror from sheet glass and photo-frame.
16. Musical instruments manufacturing
17. Sports goods
18. Bamboo and cane products (only dry operations)
19. Card Board and paper products (Paper & pulp manufacture excluded)
20. Insulation and other coated papers (Paper & pulp manufacture excluded)
21. Scientific and Mathematical instruments
22. Furniture (Wooden and Steel)
23. Assembly of domestic electrical appliances
24. Radio assembling
25. Fountain pens
26. Polythene, plastic and PVC goods through extrusion/moulding
27. Surgical gauges and bandages
28. Railway sleepers (only concrete)
29. Cotton spinning and weaving
30. Rope (cotton and plastic)
31. Carpet weaving
32. Assembly of Air coolers
33. Wires, pipes-extruded shapes from metals
34. Automobile servicing & repair stations

35. Assembly of Bicycles, baby carriages and other small non-motorised vehicles
36. Electronics equipment (assembly)
37. Toys
38. Candles
39. Carpentry – excluded saw mill
40. Cold storage (small scale)
41. Restaurants
42. Oil-ginning/expelling (non-hydrogenation and no refining)
43. Ice Cream
44. Mineralized water
45. Jobbing & Machining
46. Manufacture of Steel units & suit cases
47. Paper pins & U clips
48. Block making for printing
49. Optical frames

CATEGORY ORANGE

B. LIST OF INDUSTRIES THAT CAN BE PERMITTED IN THE DOON VALLEY WITH PROPER ENVIRONMENTAL CONTROL ARRANGEMENT

1. All such industries which discharge some liquid effluents (below 500 kl/day) that can be controlled with suitable proven technology.
2. All such industries in which the daily consumption of coal/fuel is less than 24 mt/day and the particulars emissions from which can be controlled with suitable proven technology.
3. All such industries employing not more than 500 persons.
The following industries with adoption of proven pollution control technology subject to fulfilling the above three condition fall under this category:
 1. Lime manufacture – pending decision on proven pollution control device and Supreme Court's decision on quarrying;
 2. Ceramics;
 3. Sanitary ware;
 4. Tyres and tubes;

5. Refuse incineration (controlled);
6. Flour mills;
7. Vegetable oils including solvent extracted oils;
8. Soap without steam boiling process and synthetic detergents formulation;
9. Steam generating plants;
10. Manufacture of office and house hold equipment and appliances involving use of fossil fuel combustion;
11. Manufacture of machineries and machine tools and equipments;
12. Industrial gases (only) Nitrogen, Oxygen and CO₂;
13. Miscellaneous glassware without involving use of fossil-fuel combustion;
14. Optical glass;
15. Laboratory ware
16. Petroleum storage & transfer facilities;
17. Surgical and medical products including & probabilities of latex products;
18. Foot wear (Rubber)
19. Bakery products, biscuits & Confectioners;
20. Instant tea/coffee; coffee processing;
21. Malted food;
22. Manufacture of power driven pumps, compressors, refrigeration units, fire fighting equipment etc;
23. Wire drawing (cold process) & bailing straps;
24. Steel furniture, fasteners etc;
25. Plastic processed goods;
26. Medical & surgical instruments;
27. Acetylene (synthetic);
28. Glue & Gelatine;
29. Potassium permanganse;
30. Metallic sodium;
31. Photographic films, papers & photographic chemicals
32. Surface coating industries;
33. Fragrances, fragours & food additives;
34. Plant nutrients (only manure);
35. aerated water/soft drink;

Note :

- (a) Industries falling within the above identified list shall be assessed by the State Pollution Control Board and referred to the Union Department of Environment for consideration, before according No Objection Certificate.
- (b) The total number of fuel burning industries that shall be permitted in the Valley will be limited by 8 tonnes per day or Sulphur Dioxides from all sources. (This corresponds to 400 tonnes per day Coal with 1% sulphur).
- (c) Setting of Industrial areas should be based on sound criteria.

CATEGORY RED

C. LIST OF INDUSTRIES THAT CANNOT BE PERMITTED IN THE DOON VALLEY.

1. All those industries which discharge effluents of a polluting nature at the rate of more than 500 kl/day and for which the natural course for sufficient dilution is not available, and effluents from which cannot be controlled with suitable technology.
2. All such industries employing more than 500 persons/day.
3. All such industries in which the daily consumption of coal/fuel is more than 24 mt/day.

The following industries appear to fall under this category covered by all the points as above :

1. Ferrous and non-ferrous metal extraction, refining, casting, forging, alloy making processing etc.;
2. Dry Coal Processing/Mineral processing industries like Ore sintering beneficiation pollutization etc.;
3. Phosphate look processing plants;
4. Cement plants with horizontal rotary kilns;
5. Glass and glass products involving use of coal;
6. Petroleum refinery;
7. Petro-chemical industries;
8. Manufacture of lubricating oils and greases;

9. Synthetic rubber manufacture;
10. Coal, oil, wood or nuclear based thermal power plants;
11. Vanaspati, hydrogenated vegetable oils for industrial purposes;
12. Sugar mills (white and khandari);
13. Craft paper mills;
14. Coke oven by products and coaltar distillation products;
15. Alkalies;
16. Caustic soda;
17. Potash;
18. Electro thermal products (artificial abrasives, Calcium carbide etc.)
19. Phosphorous and its compounds;
20. Acids and their salts (organic & inorganic)
21. Nitrogen compounds (Cynides, cynamides and other nitrogen compounds);
22. Explosive (including industrial explosives, detonators & fuses);
23. Pthalic anhydride;
24. Processes involving chlorinated hydrocarbon;
25. Chlorine, Fluorine, bromine, Iodine & their compounds;
26. Fertilizer industry;
27. Paper board and straw board;
28. Synthetics fibres;
29. Insecticides, fungicides, herbicides & pesticides (basic manufacture & formulations);
30. Basic drugs;
31. Alcohol (Industrial or potable);
32. Leather industry including tanning and processing;
33. Coke making, coal liquification and fuel gas making industries;
34. Fibre glass production and processing;
35. Manufacture of pulp-wood pulp, mechanical or chemical (including dissolving pulp);
36. Pigment dyes and their intermediates;
37. Industrial carbons (including graphite electrodes, anodes midget electrodes, graphite blocks, graphite crucibles, gas carbons activated carbon synthetic diamonds, carbon black, channel black, lamp black etc.);
38. Electro-chemicals (other than these covered under Alkali group);
39. Paints, enamels & varnishes;
40. Poly propylene;

41. Poly Vinyl chloride;
42. Cement with vertical shaft kiln technology pending certification of proven technology on pollution control;
43. Chlorates, perchlorates & peroxides;
44. Polishes
45. Synthetic resin & Plastic products.

Published in the Gazette No. 56 dt. 01.02.89

MINISTRY OF ENVIRONMENT & FORESTS

(Department of Environment, Forests and Wildlife)

NOTIFICATION

New Delhi, the 30th January, 1990

NOTIFICATION UNDER SECTION 6(2)(D) OF THE ENVIRONMENT (PROTECTION) ACT, 1986, READ WITH RULE 13 OF THE ENVIRONMENT (PROTECTION) RULES, 1986 FOR THE PROHIBITION AND RESTRICTION ON THE HANDLING OF HAZARDOUS SUBSTANCE IN DIFFERENT CASES.

S.O. 108(E) - Whereas a notification under clause (iii) of sub-rule (2) of the rule 13 of the Environment (Protection) Rules, 1986 inviting objections from the concerned quarters within a period of sixty days from the date of publication of the said notification, against government's intention for the imposition of prohibition on benzidine-based dyes and its salts, was published in the Ministry of Environment and Forests, S.O. No. 881 (E) dated the 31st October, 1989.

And whereas no objection was received within the said period of sixty days.

Now, therefore, in exercise of the powers conferred by class (iv) of sub-rule (2) of rule 13 of the said rules, the Central Government hereby prohibits and restricts the use of benzidine-based dyes and its salts in the dyeing and colour processing industries. All dyes and dye-intermediates containing benzidine and its derivatives shall be prohibited for "handling". The use of benzidine-based dyes, also called as benzidine-azo dyes, shall be required to be discontinued within three years from the date of issue of this notification.

Published in Gazette No. 52 dt. 30.01.90.

PROHIBITION ON THE HANDLING OF AZODYES

MINISTRY OF ENVIRONMENT AND FORESTS

NOTIFICATION

New Delhi, the 26th March, 1997

S.O. 243(E) – Whereas a draft notification proposing imposition of Prohibition on the Handling of Azodyes was published vide the notification of the Government of India in the Ministry of Environment & Forests Number S.O. 292(E), dated 29.03.1996 inviting objections and suggestions from all persons likely to be affected thereby, before the expiry of the period of sixty days from the date on which the copies of Gazette containing the said notification are made available to the public :

And whereas copies of the said Gazette were made available to the public on 26th April, 1996;

And whereas the objections and suggestions received from the public on the said draft within the said period of sixty days were duly considered by the Central Government;

And whereas the Central Government is of the opinion that the azodyes specified in the Schedule appended to this notification are cancer-causing and are detrimental to human health and it is, therefore, considered necessary to prohibit the handling of these azodyes;

Now, therefore, in exercise of the powers conferred by the clause (d) of sub-section (2) of Section 6 of the Environment (Protection) Act, 1986 (29 of 1986) read with rule 13 of the Environment (Protection) Rules, 1986, the Central Government hereby prohibits the handling of azodyes specified in the Schedule appended to this notification and the processes incidental thereto in the course of which these substances are formed or carried on through out India.

The prohibition on the handling of azodyes specified in the Schedule to this notification shall come into force on the expiry of a period of ninety days from the date of issue of this notification.

The prohibition on the handling of azodyes shall apply to the whole of India.

SCHEDULE
LIST OF AZODYES

Sl. No.	Colour Index Generic Number	Colour Index Number
1.	Acid Red 4	14710
2.	Acid Red 5	14905
3.	Acid Red 24	16140
4.	Acid Red 26	16150
5.	Acid Red 73	27290
6.	Acid Red 114	23635
7.	Acid Red 115	27200
8.	Acid Red 116	26660
9.	Acid Red 128	24125
10.	Acid Red 148	26665
11.	Acid Red 150	27190
12.	Acid Red 158	20530
13.	Acid Red 167	-
14.	Acid Red 264	18133
15.	Acid Red 265	18129
16.	Acid Red 420	-
17.	Acid Violet 12	18075
18.	Acid Brown 415	-
19.	Acid Black 131	-
20.	Acid Black 132	-
21.	Acid Black 209	-
22.	Basic Red 111	-
23.	Basic Red 42	-
24.	Basic Brown 4	21010
25.	Developer 14 = Oxidation Base 20	76035
26.	Direct Yellow 48	23660

27.	Direct Orange 6	23375
28.	Direct Orange 7	23380
29.	Direct Orange 10	23370
30.	Direct Orange 108	29173
31.	Direct Red 2	23500
32.	Direct Red 7	24100
33.	Direct Red 21	23560
34.	Direct Red 22	23565
35.	Direct Red 24	29185
36.	Direct Red 26	29190
37.	Direct Red 39	23630
38.	Direct Red 46	23050
39.	Direct Red 62	29175
40.	Direct Red 67	23505
41.	Direct Red 72	29200
42.	Direct Violet 21	23520
43.	Direct Blue 1	24410
44.	Direct Blue 3	23705
45.	Direct Blue 8	24140
46.	Direct Blue 9	24155
47.	Direct Blue 10	24340
48.	Direct Blue 14	23850
49.	Direct Blue 15	24400
50.	Direct Blue 22	24280
51.	Direct Blue 25	23790
52.	Direct Blue 35	24145
53.	Direct Blue 53	23850
54.	Direct Blue 76	24411
55.	Direct Blue 151	24175
56.	Direct Blue 160	-

57.	Direct Blue 173	-
58.	Direct Blue 192	-
59.	Direct Blue 201	-
60.	Direct Blue 215	24115
61.	Direct Blue 295	23820
62.	Direct Green 85	30387
63.	Direct Blue 222	30368
64.	Direct Black 91	30400
65.	Direct Black 154	-
66.	Disperse Yellow 7	26090
67.	Disperse Yellow 23	26010
68.	Disperse Yellow 56	-
69.	Disperse Orange 149	-
70.	Disperse Red 151	26130

[F.No. 17/3/95-HSMD]
VIJAY SHARMA, Jt. Secretary