

MINISTRY OF ENVIRONMENT & FORESTS
(Department of Environment, Forests & Wildlife)

New Delhi, the 1st February 1989

NOTIFICATION

Notification under 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 developmental 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 operations 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 the Doon Valley, bounded on the North by Mussoorie Ridge, in the North-East by Lesser Himalayan ranges, on the South-West by Shivalik ranges, river Ganga in the South-East and river Yamuna in the North-West, in these activities which are permitted by the Central Government after examining the environmental impacts:

- (i) Location/siting 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 be as per Tourism Development Plan (TDP), to be prepared by the State Department of Tourism and duly approved by the Union Ministry of Environment & Forest
- (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-IA)
K. P. GEETHAKRISHNAN
Secretary.

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 processes:
 - Electroplating
 - Galvanising
 - Bleaching
 - Degreasing
 - Phosphating
 - Dyeing
 - Pickling, tanning
 - Polishing
 - Cooking of fibres and Digesting
 - Desizing of Fabric
 - Unhairing, Soaking, delimiting and bating of hides
 - Washing of fabric
 - Trimming, Pulling, juicing and blanching of fruits and vegetables
 - Washing of equipment and regular floor washing, using of considerable

cooling water
Seperated 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 beans
Processing of fish
Filter back wash in D.M. Plants exceeding 20 K.l. per day capacity
Pulp making, pulp processing and papermaking
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 fulfilment 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 woollen Hosiery
10. Hand loom weaving
11. Shoe lace manufacturing
12. Gold and silver thread and sari work
13. Gold and silver smithy
14. Leather foot wear 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 excluding)
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 P.V.C. 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-motorized vehicles.
36. Electronics equipment (assembly)
37. Toys
38. Candles
39. Carpentry-excluding saw mill
40. Cold storages (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 trunks & 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

24mt/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. Sanitaryware;
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 equipment
12. Industrial gases (only Nitrogen, Oxygen and CO_2)
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 & prophylactics and 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 permanganate
30. Metallic sodium
31. Photographic films, papers & photographic chemicals
32. Surface coating industries

33. Fragrances, flavours & 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 of Sulphur Dioxide from all sources. (This corresponds to 400 tonnes per day Coal with 1% sulphur).
- (c) Siting 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, pelletization etc.
3. Phosphate rock 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 Khandasari)
13. Craft paper mills
14. Coke oven by products and coal tar 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 (Cyanides, cyanamides and other nitrogen compounds)
22. Explosive (including industrial explosives, detonators & fuses)
23. Phthalic anhydride
24. Processes involving chlorinated hydrocarbon
25. Chlorine, flourine, bromine, iodine & their compunds
26. Fertilizer industry
27. Paper board and straw boards
28. Synthetics fibres
29. Insecticides, fungicides, herbicides & pesticides (basic manufacture & formulation).
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 those covered under Alkali group)
39. Paints, enamels & varnishes
40. Polypropylene
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.
