

CHAPTER 28

ZONING REGULATIONS

1. All future developments shall be in conformity with the provisions of the Master Plan for Chalakudy Town.
2. For the implementation and enforcement of the proposals envisaged in this Master Plan, areas have been zoned under various categories such as High density residential Zone, low density residential Zone, Mixed zone, CBD, Commercial Zone, Industrial Zone, Public and Semi-Public Zone, Traffic and Transportation Zone, Parks and Open Spaces Zone, Paddy to be retained, Water Bodies, Green Strip and Special Zone. Details regarding the nature of uses 'Permitted', and uses 'Restricted' in each zone are given in the accompanying sheets. These regulations shall be enforced in conjunction with other specific provisions if any elsewhere in the Plan.

Uses '**Permitted**' in a zone cover the uses that can be normally accommodated in the relevant zone. Such uses may be permitted by the Secretary, Chalakudy municipality (here in after referred to as Secretary) if in accordance with other relevant rules/orders concerned in force. In some cases it may be possible to permit some other uses also, which are not likely to affect the quality and environment in a zone specified for a particular use. Such cases have to be individually studied based on their performance characteristics and special location factors. Such cases which come under this category are classified as "Uses Restricted".

Uses **Restricted -1** Category deals with the uses that shall be restricted by the Secretary with the concurrence of the Town Planner of the District office of the Department of Town and Country Planning having jurisdiction over the area.

Uses **Restricted -2** Category deals with the uses that shall be restricted by the Secretary with the concurrence of the Chief Town Planner concerned of the Department of Town and Country Planning.

"**Uses prohibited**" enlists the various objectionable uses in each zone which shall not be permitted under normal circumstances.

3. If any space in a zone is put to a "**Use Prohibited**" as stated in Para 2, before the sanctioning of the scheme, such use shall be termed as nonconforming use. A non-conforming use may be allowed to continue in its existing location and essential repairs and maintenance for the structure may be permitted by the Secretary,

provided that the said use create no adverse environmental influence in the zone. Addition, alteration or reconstruction, if found necessary as part of any mitigation measures may be permitted for such uses by the Secretary with the concurrence of the Chief Town Planner concerned.

4. Existing areas and structures of archaeological importance, agriculture uses and religious uses may be permitted to continue in all the zones and shall not constitute non conforming uses.
5. Regulation of constructions and/or land developments on the sides of new roads/ roads proposed for widening as per the Plan shall be governed by the distance from the centre line of the road, unless otherwise specified in the Master Plan or DTP scheme or in any detailed road alignment approved by the Chief Town Planner concerned.
6. Constructions and/or land developments, if any, in paddy lands and in wet lands, shall be in conformity with the Paddy land and Wet Land Act in force in the state.
7. The Government shall have the power to issue clarifications in respect of technical interpretations, if any, required in any of the provisions of the Master plan in consultation with the Chief Town Planner concerned.
8. Any use not specified either in the 'uses permitted' or 'uses restricted' category of a particular use zone, but which is of a similar nature to any use permitted or restricted in that particular use zone, can be considered by the Secretary, with the concurrence of the Chief Town Planner concerned.

Para No.	Uses Permitted	Uses Restricted-1	Uses Restricted-2	Uses Prohibited
	1	2	3	4
9	High density Residential Zone			
9.1	Residential buildings consisting of single or multifamily dwellings, residential flats / apartments, residential quarters, night shelters, orphanages, old age homes, Dharmasala. Shops, Professional Offices, Commercial Offices, Banks & other Financial Institutions, Restaurants, Canteens, Hotels – built up area limited to 200 m ² .	Ashram,Mutt, Madrasa. Places of Worship. Vehicle Fuel Filling Stations		Any other uses not specified in columns (1),(2) & (3).

Cottage Industries including coir, Service Industries of non-nuisance Nature (See Annexe-I), with number of workers limited to 6 without power or 3 workers with horsepower limited to 5 HP	Public utility areas and Public Utility buildings other than those included in the permitted category.
Educational institutions essentially serving the needs of residential community such as Day Care, Crèche, Nursery Schools, Kindergartens and schools offering general education up to High school level.	Cremation Ground/ Crematorium/ Burial Ground/ Common Vault.
Health institutions essentially serving the needs of residential community such as dispensaries, clinics (Out Patient), Diagnostic Centres – built up area limited to 200m ² .	
Community facilities such as Community Halls, Auditoriums, Recreational Clubs, Social Welfare Centres, Gymnasium /Yoga Centers, Swimming Pool, Libraries,Exhibition centres,art galleries - built up area limited to 200m ² .	
Utility Installations and Civic Amenities essentially serving the needs of residential community such as post office, police station, telephone exchange, fire station, tot lots, parks, play grounds, water treatment plants below 5 MLD.	
Transmission Towers, Telecommunication Towers and Wireless Stations	
Plant Nurseries, Pump House	
Wells and Irrigation Ponds incidental to community needs.	
Automobile workshops for two/ three wheelers – built up area limited to 200 m ² .	

9.2	Provided that the access road has a width of 7m minimum.			
	Hospitals & health centres with number of beds limited to 10. Higher Secondary schools. Community Halls, Auditoriums, Recreational Clubs, Social Welfare Centres, Convention Centres, Gymnasium /Yoga Centers, Swimming Pool, Libraries, Exhibition centres, Art galleries, Movie halls - built up area limited to 500 m ² . Shops, Professional Offices, Commercial Offices, Banks & other Financial Institutions, Restaurants, Canteens, Hotels – built up area limited to 500 m ² .	LPG distribution centres (excluding bottling plants and bulk storage)- built up area limited to 50 m ² .		
9.3	Provided that the access road has a width of 12m minimum.			
		Stacking yards/ Godowns/ Warehouses for Storage of non hazardous materials. Higher Education Institutions. Diagnostic Centres, Clinics, Hospitals with number of beds limited to 50		
10	Low density residential Zone			
10.1	Agriculture, horticulture and fodder cultivation, pastures, grazing ground and other types of cultivation including social forestry	Orphanages, old age homes, dharmasala, ashrams, mutts, madrasa. Fuel filling stations, Cremation ground / crematorium/ burial ground/ common vault		Any other uses not specified in columns (1),(2) & (3).

Dairy Farms, Fish farms, Seed farms, Poultry farms, Plant nursery, pump house, wells and irrigation ponds. Single family residential buildings Shops, professional offices, commercial offices and establishments, banking and financial institutions, Gymnasium, Yoga Centres, restaurants, canteens – built up area limited to 100 m ² . Cottage industries, Service industries of non-nuisance Nature (See Annexe - I)engaging not more than 6 workers without power or 3 workers with power limited to 5HP, Day Care, Crèche, Nursery Schools, Kindergartens, Primary and upper primary schools. Dispensaries, clinics (Out Patient), Diagnostic Centres etc having a built up area limited to 100m ² . Recreational Clubs, Gymnasium /Yoga Centers, Swimming Pool, Libraries, Reading rooms etc. having a built up area limited to 100m ² . Post office, police station, telephone exchange, fire station, wireless stations and telecommunication towers. Tot lots, parks, play grounds, water treatment plants below 5 MLD. Automobile workshops for 2/3 Wheelers Weigh Bridge, Godowns/ warehouses/ Storage – non hazardous – built up area limited to 100 m ² . Transmission towers and wireless station			
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10.2	Provided that the access road has a width of 7m minimum		
	Dispensaries, clinics (Out Patient), Diagnostic Centres etc having a built up area limited to 200m² . Shops, professional offices, commercial offices and establishments, banking and financial institutions, Gymnasium, Yoga Centres, restaurants, canteens – built up area limited to 200 m² . High schools and Higher Secondary schools Godowns/ warehouses/ Storage – non hazardous – built up area limited to 200 m² . Community Halls, Auditoriums, Recreational Clubs, Social Welfare Centres, Gymnasium /Yoga Centers, Swimming Pool, Libraries etc. having a built up area limited to 500m² . Hospitals & Health Centres with number of beds limited to 5	Storage of explosive and fireworks, Gas Godowns, Dumping Yard, Saw Mills Slaughter Houses.	
10.3	Provided that the access road has a width of 12m minimum		
	All Residential Buildings consisting of single or multifamily dwellings, residential flats / apartments with FAR and coverage upto 80% of the value stipulated in Kerala Municipality Building rules, 2019 as amended from time to time.	Stacking yards/ Godowns/ Warehouses for Storage of non hazardous materials. Higher Education Institutions. Diagnostic Centres, Clinics, Hospitals with number of beds limited to 50	
11	Mixed Zone(Residential,Commercial,Industrial)		
	In Land to a depth of 100 m on either sides of roads having a width of 12 m or more in high density residential zone and low density residential zones, Mixed use of Residential, Commercial and Industrial will be permitted in conformity with the Conservation of Paddy Land and Wet Land Act in force in the state.		
	In Land to a depth of 200 m on either sides of roads having a width of 24m or more in high density residential zone and low density residential zones, Mixed use of Residential, Commercial and Industrial will be permitted in conformity with the Conservation of Paddy Land and Wet Land Act in force in the state.		
	In Land to a depth of 500 m on either sides of National Highway 544 in high density residential and low density residential zones, Mixed use of Residential, Commercial and Industrial will be permitted in conformity with the Conservation of Paddy Land and Wet Land Act in force in the state.		

11.1	All uses permitted in High density Residential Zone, Commercial Zone and Industrial Zone	All uses restricted-1 in High density Residential Zone, Commercial Zone and Industrial Zone.	Any other uses not specified in columns (1),(2) & (3).
11.2	Provided that the access road has a width of 7m minimum		
	Museum, Fair grounds, Open air Theatres, Indoor/Outdoor games stadium,	Industrial Estates & Industrial Parks, Service Industries of Non Nuisance Nature (see annexure II) engaging not more than 9 workers with power limited to 30 HP in areas other than industrial estates/parks. Sewerage treatment plants, LPG godowns	
11.3	Provided that the access road has a width of 18m minimum		
	Hospitals & Health centres upto 300 beds.		Container Terminal.
12	CBD		
12.1	All uses that are permitted in commercial zone. Additions and alterations to the existing public and semi-public buildings including addition of new blocks without altering the use. Buildings incidental to public & semi public uses with built up area limited 100sq.m	Ashram, Mutts, Madrasa. Places of worship Other public utility areas & Public utility buildings P a r k i n g buildings and parking lots Higher Educational Institutions provided the access has a width of 7m Minimum Fuel filling stations	Any other uses not specified in columns (1),(2) & (3).

		Saw Mills with Timber Yard		
		Slaughter Houses		
13	Commercial Zone			
13.1	<p>All shops including shopping complexes, shopping malls, hypermarkets, restaurants, hotels, markets.</p> <p>Professional offices, commercial offices & establishments, banking and financial institutions, IT software units, Movie halls, Auditorium, Wedding Halls, Community Halls</p> <p>Godowns / warehouse / storage of Non-hazardous materials, stacking yards.</p> <p>Saw mills, weigh bridges, printing press, IT hardware/electronic industries, Gymnasium/ Yoga centres</p> <p>Automobile workshops for 2/3 wheelers</p> <p>Automobile workshops, automobile service stations for light motor vehicles, -built up area limited to 300 m²</p> <p>Cottage industries, cold storage, ice factory, service industries of non-nuisance nature with number of workers limited to 19 without power or 9 workers with power limited to 10HP (See Annex-I),</p> <p>Expansion of existing residential buildings, Single Family Residences, Residential flats/apartments with lower floor(s) for commercial use only, night shelters, orphanages, old age homes, dharmasala, hostels and boarding houses, lodges and guest houses, Ashram, Mutts, Madrasa.</p>	<p>Places of worship.</p> <p>Other public utility areas & Public utility buildings.</p> <p>Dairy & Dairy Farm, Poultry Farm</p> <p>Fuel filling stations Smoke House</p> <p>Saw Mills with Timber Yard</p> <p>Slaughter Houses</p>	Multiplex	Any other uses not specified in columns (1), (2) & (3).

	<p>Government (Local /State/Central) or Public Sector Offices</p> <p>Day Care, Crèche, Nursery Schools, Kindergartens and schools offering general education up to High school level. Expansion of existing educational institutions</p> <p>Transmission & Telecommunication Towers, Wireless Stations.</p> <p>Social welfare centres, library and reading rooms, exhibition centres, art gallery museum, convention centres</p> <p>Clinics, diagnostic centres and hospitals with number of beds limited to 50.</p> <p>Tot lots, Parks & playgrounds, fair grounds, open air theatres, Parking plaza, Taxi/Jeep stands</p> <p>Plant nursery, Storage of agricultural produces and seeds, Pump House, Wells and Irrigation Ponds</p>			
13.2	Provided that the access road has a width of 7m minimum			
	<p>Marble and granite storage / cutting centres. Automobile workshops/ automobile service stations for light motor vehicles.</p> <p>Higher Secondary schools</p>	<p>Service industries of non-nuisance nature with number of workers limited to 19 without power or 9 workers with power limited to 30HP (See Annex-I)</p>		
13.3	Provided that the access road has a width of 12m minimum			
	<p>Higher educational Institutions.</p> <p>Hospitals & Health centres, Outdoor games stadium.</p>	<p>Lorry stands, Bus terminals</p>		

14	Industrial Zone			
14.1	<p>All industries other than obnoxious and nuisance type industries, Automobile Workshops & Automobile Service Stations, Spray Painting Workshops, Saw Mills, Timber Yard, Ice Factory, Cold Storage, Fish and Meat Processing Units, Printing Press, Water Treatment Plants, Marble and Granite Storage and Cutting Centres, Industrial Estates & Industrial Parks.</p> <p>Godowns/Warehouses/Storage of non hazardous material, stacking yards, weigh bridge.</p> <p>Dairy and Dairy Farms, Dairy related Industries, Poultry Farms, Piggery Farm, Smoke House.</p> <p>Dry Cleaning Plants, Power Plants, Sub Stations</p> <p>Government or Public Sector Offices</p> <p>Transport Terminals incidental to industrial use.</p> <p>Transmission & Telecommunication Towers, Wireless Stations.</p> <p>Residential and commercial Uses incidental to the Industrial Use. Any other activity essentially incidental to Industrial use with built up area upto 100sq.m</p>	<p>Other Public Utility Areas and Public Buildings.</p> <p>Sewage Treatment Plants, Dumping Yard.</p> <p>Slaughter House</p> <p>Single family residences built up area upto 300sq.m,</p> <p>Fuel Filling Stations</p> <p>Junk Yards</p> <p>Cremation Ground / Crematorium, Burial Ground, Common Vault.</p> <p>Storage of Explosives and Fire Works, Gas</p> <p>Godowns, Crusher Units.</p>	<p>Container Terminals with access width of 18m minimum.</p>	<p>Any other uses not specified in columns (1),(2) & (3).</p>

	<p>Tot lots, Parks and Play Grounds attached to incidental residential use.</p> <p>Green houses, Storage of agriculture produces and seeds</p>			
15	Public & Semi Public Zone			
15.1	<p>Local/State/Central Government/Public Sector Offices and Other Related Public Buildings</p> <p>Residential Quarters incidental to public and semi-public use.</p> <p>Ashram/Mutts</p> <p>Public Utility Areas and Buildings.</p> <p>Additions and alterations to the existing public and semi public buildings including addition of new blocks.</p> <p>Buildings for incidental uses with built up area limited to 100 m².</p> <p>Water treatment plants below 5 MLD, Tot lots, Parks / Play Grounds, Open air Theatres, Zoological and botanical Gardens/Bird Sanctuary, Camping sites.</p> <p>Educational institutions, Civil Defence and Home Guard, Library and Reading Rooms, Social Welfare centres, Museum, Indoor games stadium, Swimming pools, Exhibition centres and art gallery.</p>	<p>Single family residences built up area upto 300sq.m,</p> <p>Bus terminals/stand, lorry stand, Fuel filling station.</p> <p>Cremation Ground / Crematorium, Burial Ground, Common Vault.</p>		<p>Any other uses not specified in columns (1),(2) & (3).</p>

	Places of worship, Clinics, Diagnostic centres and Hospitals. Auditoriums/ Wedding halls/ community halls, convention centers incidental to public and semipublic uses, outdoor games stadium, parking plazas, auto rickshaw/taxi/jeep stands, boat jetty. Transmission towers and wireless stations,			
16	Transportation Zone			
16.1	Transport terminals including constructions that form an integral or essential part of the terminal. Any incidental uses to the transport terminals such as Retail Shops, Restaurants, Canteen etc. with floor area limited to 30% of the built-up area of the terminal. Staff Quarters, Offices, Night Shelters, Guest Houses etc incidental to the transport terminals Parking Plazas, Transmission Towers and Wireless Stations.	Public Utility Areas and Buildings Fuel Filling Stations	Container Terminals provided that the access has a width of 18m minimum.	Any other uses not specified in columns (1),(2) & (3).
17	Park & Open Spaces			
17.1	Any construction/land development essential for the development/ improvement of open air recreational facilities. Fish Landings, Boat Jetties, Guided Boat Rides, Watch Towers, Eco Walk Ways, Water Sports Facilities, Fair Grounds etc. Tot Lots, Park, Play Grounds, Swimming Pools, Open Air Stadium, Open Air Theatre, Zoological and Botanical Garden, Bird Sanctuary, Eco Walk Way etc.	Public Utility Areas and Buildings which will not affect the character of the area.		Any other uses not specified in columns (1),(2) & (3).

18	Paddy			
18.1	Paddy cultivation Agriculture/ Horticulture/Fodder cultivation, Fish Farms/ Seed Farms/ Pump House/ Wells and Irrigation Ponds without any building construction. OR Constructions/ land developments in conformity with the Conservation of Paddy Land and Wet Land Act in force in lands designated as paddy land or wet land under the said Act.	Minor Public Utility areas & Public utility buildings which will not affect the character of the area.		Any other uses not specified in columns (1),(2) & (3).
19	Water bodies			
19.1	All existing water bodies shall be conserved. Bridges, Side protection walls, Bathing Ghats, Floating jetty etc may be permitted based on community level requirements.			Any other uses not specified in columns (1),(2) & (3).
20	Green strip			
	Area to be used only for planting trees in order to retain as green areas, parks, pump houses, wells and irrigation ponds, storage of agricultural products and seeds, green house. 5 m wide Green Strip may be provided surrounding the sides of natural water bodies			Any other uses not specified in columns (1),(2) & (3).
21	Special Zones			
	Special zones include the areas specifically demarcated for certain projects. No other activity unless otherwise specified shall be permitted in such zones. If this projects are not materialised in corresponding demarcated land within a period of 5 years, from the date of sanctioning of this master plan, The freed land may be released and returned back to that zone as per the existing land use.			

SZ1	Techno Centre	<p>The area to be developed through the implementation of land pooling scheme in PPP mode.</p> <p>Buildings should be green rated</p> <p>Educational institutions, library and reading rooms, exhibition centres, Professional offices, commercial offices & establishments, banking and financial institutions, Shops, manufacturing & service of electronic devices, non-polluting industries, Restaurants/Canteen, Conference halls, service industries of non-nuisance nature with number of workers limited to 19 without power or 9 workers with power limited to 10HP (See Annexe-II)</p> <p>Transmission towers and wireless stations.</p>
SZ2	Tourism facilitation	<p>Single family Residences - built up area upto 300 sq m, Resorts, Hotels, Restaurants, Boarding Houses, Night Shelters, Guest Houses, Lodges.</p> <p>Retail Shops/Professional Offices, Commercial Offices / Establishments, Banking and Financial Institutions - built up area upto 200 sq m,</p> <p>Gymnasium / Yoga Centers, Library and Reading Rooms, Museum, Exhibition Centres and Art Gallery, Open air Theatre, Tot Lots/Parks/Play Grounds, Amusement Parks, Swimming Pools</p> <p>Clinics, diagnostic centres- built up area upto 150sq.m</p> <p>Transmission towers and wireless stations,</p>
SZ 3	Eco-Compact City	<p>The area to be developed through the implementation of land pooling scheme with low density development aspects based on detailed project report prepared by the municipality</p> <p>25% of land to be identified and marked as water catchment area in the plan</p> <p>Buildings should be green rated</p> <p>50% of developable land to be used for service industries like IT and IT enabled services, manufacturing & service of electronic devices, agro based industries and other non polluting industries</p> <p>Other uses permitted within remaining 50% of land are residential, commercial, banking, kindergarten, prayer halls, community halls, gymnasium, indoor play areas, snack bars, perform areas</p>

SZ 4	IT Park	land can be developed as IT centre without disturbing the surrounding environment
SZ 5	Urban commercial Plaza	Commercial and Business establishments, Public gathering area, Urban performing areas, Product introducing centres, Urban infotainment centres etc.
SZ 6	Puzhayoram Agri-tourism Project	Pedestrian pathways & Amenities Cycle tracks, Tram on wheels, Snack counters, Green strip, Organic agriculture belt, Vegetable counters within 20m from river front line

General Notes:

- For the purpose of these regulations, built up area means the total area covered by the building at all floor levels. It shall also include area of mezzanine floor, galleries, barsati and pent house at terrace level.
- Subject to zoning regulations of the respective use zones, more than one uses may be combined in a building, provided that the total built up area on all floors of such a building shall not exceed the maximum built up area permitted for any of such use in that zone.
- In Land to a depth of 100 m on either sides of roads having a width of 12 m or more in high density residential and low density residential zones, Mixed use of Residential, Commercial and Industrial will be permitted in conformity with the Conservation of Paddy Land and Wet Land Act in force in the state.
- In Land to a depth of 200 m on either sides of roads having a width of 24m or more in high density residential and low density residential zones, Mixed use of Residential, Commercial and Industrial will be permitted in conformity with the Conservation of Paddy Land and Wet Land Act in force in the state.
- In Land to a depth of 500 m on either sides of National Highway 544 in high density residential and low density residential zones, Mixed use of Residential, Commercial and Industrial will be permitted in conformity with the Conservation of Paddy Land and Wet Land Act in force in the state.
- Addition or Expansion or reconstruction of all existing uses in private land included under Public and Semi Public Zone shall be permitted to the adjacent private land /plots without any regard to the proposed Land Use Zone in such adjacent land if no records are available with the Local Self Government Institutions regarding any proposal for acquiring that particularly owned private land for any Public Use at the time of application for building construction or land development, subject to the concurrence of the District Town Planner.

GUIDELINES FOR LARGE SCALE PROJECTS

Large Scale development proposals in an area not less than 2 hectares, exceeding an investment of Rs.50 crores, which provide direct employment (after commissioning of the project) to the tune of not less than 500 may be permitted in all zones other than Heritage and Park & Open space, subject to the recommendation of a committee to be constituted by the Government for this purpose, under the Chairmanship of the Secretary, Local Self Government Department, consisting of Chief Town Planner concerned of Kerala State Town and Country Planning Department and the Secretary, Chalakudy Municipality as members and the District Town Planner, Thrissur Department as convenor and satisfying the following conditions:-

- a The developer shall produce project cum feasibility report and environmental impact assessment report, if required, of the project to the convener of the committee, 15 days in advance of the committee meeting.
- b The developer shall produce before the committee, all required clearances from the State and Central Government agencies concerned.
- c Adequate provision shall be made for supporting infrastructure such as water supply, Sewerage, Solid Waste Management etc. Separate sewage treatment plant and solid waste management measures shall be provided and maintained by the developer at his /her cost.
- d Adequate Memorandum of Understanding between the developer and Secretary, Chalakudy Municipality shall be undertaken to bring this into effect.
- e Maximum floor area ratio shall be 2 and Minimum access width shall be 12 meter.
- f The project shall be completed within a period of 3 years if not specified otherwise.

ANNEXURE -I

List of non-obnoxious and non-nuisance type of service or light industries

1. Aerated water and fruit beverages
2. Apparel making
3. Assembly of air coolers and conditioners
4. Assembly of bicycles, baby carriage and other small non motorized vehicles.
5. Atta - chakks
6. Ayurvedic medicinal formulations, Ayurvedic health club
7. Bakery products, biscuits, confectionaries
8. Bamboo and cane products (only dry operations)
9. Block making for printing
10. Card board or corrugated box and paper products (paper or pulp manufacturing excluded)
11. Carpet weaving
12. Cement and concrete products (where crusher is not used)
13. Chilling plants and cold storage
14. Coir (without bleaching / dyeing)
15. Concrete batching plants
16. Cotton and woolen hosiery/ Cotton and silk printing
17. Electro plating
18. Electronics and electrical goods
19. Electronics equipment (Assembly)
20. Engineering workshop and general fabrication works (without any chemical treatment)
21. Embroidery and lace manufacturing
22. Flour mills (job work only)
23. Foam bed, latex thread
24. Foot wear (rubber and PVC)
25. Furniture making
26. Fountain pens
27. Garment stitching, tailoring
28. Gold and silver smithy
29. Gold and silver thread sari work
30. Ice- cream or ice making
31. Insulation and other coated papers (paper or pulp manufacturing excluded)
32. Jobbing and machining
33. Light engineering
34. Laundry, dry cleaning and dyeing

35. Manufacturing of formulated synthetic detergent products
36. Manufacture of soaps involving process without generation of trade effluents
(saponification of fats and fatty acids only)
37. Mineralized water
38. Musical instruments manufacturing
39. Oil ginning/expelling
40. Optical frames
41. Paint (by mixing process only)
42. Paper pins and U- clips
43. Power looms / hand looms (without dyeing & bleaching)
44. Photo and picture framing
45. Pressure testing units
46. Printing press
47. Rice mills
48. Rope (cotton and plastic)
49. Rubber gloves other than that for surgical and medical purpose
50. Rubberized coir mattresses
51. Scientific and mathematical instruments
52. Sports goods
53. Steeping and processing of grains
54. Small foundries
55. Tissue culturing
56. Toys
57. Water softening and demineralization plants
58. Watch, pen and spectacles repairing.

ANNEXURE 2

List of obnoxious and nuisance industries subject to Objectionable sounds, dust, odours, fumes, effluents or processes constituting hazardous use and which are to be located in hazardous zones (grouped) under Indian Standard Industrial classification (vide Regulation 7- 1, 7 - 2 and 13-2)

Manufacture of Food Stuff:

- (1) Slaughtering, preservation of meat and fish and canning of fish

Manufacture of Beverages:

- (2) Production of distilled spirits, wines, liquor etc. from alcoholic fruits and salts in distillery and brewery
- (3) Production of country liquor and indigenous liquor such as toddy, liquor from mahua, palm juice

Manufacture of textiles:

- (4) Dyeing and bleaching of cotton

Manufacturing of wood & wooden products, sawing and planing of wood:

- (5) Wood seasoning
- (6) Manufacture of veneer & plywood
- (7) Paper, pulp and straw board

Manufacture of leather and leather products:

- (8) Currying, tanning and finishing of hides and skins and preparation of finished leather

Manufacture of Rubber petroleum & local products:

- (9) Manufacture of tyres and tubes and tyre retreading
- (10) Manufacture of industrial and synthetic rubber
- (11) Reclamation of rubber
- (12) Production of petroleum, kerosene and other petrol products in refineries
- (13) Production of chemicals and chemical products

Manufacture of chemical and chemical products:

- (14) Manufacture of basic industrial chemicals such as acids, alkalies and their salts, not elsewhere specified (specially sulphurous, sulphuric, nitric, hydrochloric etc. acids, ammonia chlorine and bleaching powder manufacture.)

5) Manufacture of dyes, paints, colours, ink powder, varnishes, printing ink etc.

- (16) Manufacture of fertilizers (specially from organic materials)
- (17) Manufacture of disinfectants and insecticides
- (18) Manufacture of Ammunition, explosives and fire works
- (19) Manufacture of matches

Manufacture of Nonmetallic mineral products other than Petroleum and coal:

- (20) Manufacture of cement
- (21) Manufacture of lime
- (22) Manufacture of plaster of paris

Manufacture of Basic Metals and their Products:

- (23) Manufacture of iron and steel including sheeting, refining, rolling and conversion into basic forms
- (24) Manufacture including smelting, refining etc. of nonferrous metals and alloys in basic forms
- (25) Manufacture of ornaments

Manufacture of machinery (other than transport) and electrical equipment:

- (26) Manufacture of all kinds of battery, Miscellaneous items not covered above
- (27) Incineration, dumping and reduction of offal, dead animals, garbage or refuse
- (28) Manufacture of gelatin and glue
- (29) Fat, tallows, grease of lard refining of manufacture
- (30) Bone meal, bone girst and bone powder
- (31) Manufacture of cashewnut shell oil and
- (32) Other similar types of nuisance industries.