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ಕರ್ನಾಟಕ ರಾಜ್ಯ ಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣ ಮಂಡಳಿ Karnataka State Pollution Control Board

"ಪರಿಸರ ಭವನ"

4 ಮತ್ತು 5ನೇ ಅಂತಸ್ತು, ನಂ. 49, ಚರ್ಚ್ ಸ್ಟ್ರೀಟ್,
ಬೆಂಗಳೂರು - 560 001, ಕರ್ನಾಟಕ, ಭಾರತ

"Parisara Bhavana"

4th & 5th Floor, # 49, Church Street,
Bangalore - 560 001, Karnataka, INDIA

NO.CFE-EIA/ICPL/EIA-569/2006-2007/ 998

DATED:

/ BY REGD. POST WITH ACK. DUE /

6 NOV 2006

TO:

The Managing Director
M/s. Indian Cane Power Limited
19, Shivashankar Plaza, 3rd Floor, Richmond Circle
Bangalore - 560 027.

Sir,

Sub: Consent for Establishment for setting up of New sugar Industry with Cane Crushing capacity 5,000 TCD and 28 MW Co-generation Power Plant at Sy.No.102, 116, 117, 118, 119, 136, 138, 139, 140 & 141 of Uttur Village, Mudhol Taluk, Bagalkote District, by M/s. Indian Cane Power Limited.

- Ref:
1. Your CFE application dated 12.04.2006.
 2. Inspection of the proposed site by Environmental Officer, Bagalkote, on 12.05.2006.
 3. Proceedings of the 319th Technical Advisory Committee Meeting held on 26.06.2006.
 4. Proceedings of the Environmental Public Hearing held on 08.08.2006.
 5. Proceedings of the Consent Committee meeting held on 11.10.2006.

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With reference to the above, it is to be informed that M/s.Indian Cane Power Limited have proposed to establish New Sugar Industry with Cane Crushing capacity 5,000 TCD and 28 MW Co-generation Power Plant at Sy.No.102, 116, 117, 118, 119, 136, 138, 139, 140 & 141 of Uttur Village, Mudhol Taluk, Bagalkote District. The issue was discussed in the 319th TAC meeting held on 26.06.2006 and Public Hearing for the proposed project was conducted on 08.08.2006. The issue was discussed in the Consent Committee Meeting held on 11.10.2006 and the Committee has recommended to issue CFE with conditions.

Hence, the Board hereby accords Consent for Establishment under the Water (Prevention & Control of Pollution) Act 1974 and the Air (Prevention & Control of Pollution) Act 1981, for establishing New Sugar Industry with Cane Crushing capacity 5,000 TCD and 28 MW Co-generation Power Plant at Sy.No.102, 116, 117, 118, 119, 136, 138, 139, 140 & 141 of Uttur Village, Mudhol Taluk, Bagalkote District, by M/s. Indian Cane Power Limited, provided the following conditions stated below are complied with.

1. The industry shall obtain all the necessary statutory Clearance from other Departments as applicable.
2. The project is to be cleared from all other angles of environment by Ministry of Environment & Forest, Government of India/Department of Ecology and Environment, Government of Karnataka, Bangalore, as applicable.
3. No construction work, preliminary or otherwise, relating to the expansion of the project may be undertaken till the statutory clearance as mentioned above is obtained.

4. This consent for establishment for expansion is valid for 3 years from the date of issue.
5. The Industry shall comply with all the conditions/guidelines mentioned in the CREP issued by CPCB.

1. WATER POLLUTION CONTROL:

1. The quantity of raw water consumption (including domestic consumption) shall not exceed 2500 m³/day from sugar & Co-generation plant. The quantity of process effluent generated shall not exceed 460 m³/day from Sugar & Co-generation plant. The quantity of domestic effluent shall not exceed 35 m³/day.
2. The process effluent may be treated in the existing effluent treatment plant of capacity 500 KLD. The treatment scheme shall consist of following units.

- Screen Chamber – 0.6 m x 1.2 m x 0.55 m.
- Grit Chamber – 6.0 m x 1.2 m x 1.0 m.
- Oil & Grease Trap – 4.0 m x 15.0 m x 1.5 m.
- Neutralization Tank – 4.0 m x 4.0 m x 3.0 m.
- Lime Preparation Tank – 1.2 m x 1.2 m x 1.0 m.
- Aeration Tank –I- 36.0 m X 12.0 m X 4.0 m.
- Primary Clarifier- 6.0 m Dia x 2.5 m Height.
- Aeration Tank –II- 10.0 m x 10.0 m x 3.6 m.
- Secondary Clarifier - Dia 8.0 m x 2.5 m Height.
- Sump – 5.0 m x 5.0 m x 3.5 m.
- Cleaning Day Sump – 15.0 m x 15.0 m x 4.0 m.
- T.E Storage Tank – 30.0 m x 20.0 m x 4.5 m.

The applicant shall ensure that the treatment plant will treat the effluent to the stipulated standards as indicated in **Annexure-I**, failing which, the effluent treatment plant shall be re-designed to meet the standards stipulated in **Annexure-I** after obtaining approval of the Board.

3. All the treatment units shall be made totally impervious. The industry should submit detailed plans, structures indicating the location of each unit. The ETP units shall be operated continuously.
4. Cooling water and Other Process effluent is mixed together & treated in ETP and recycled back to the process for secondary purposes. Other utilities waste water will be diluted and applied on land for irrigation.
5. The industry shall use the entire treated effluent on land for irrigation or on land owned by the industry. The effluent applied on land shall conform to the standards stipulated in **Annexure-I**.
6. The industry shall treat the domestic wastewater from the factory along with the process effluent.
7. The industry shall make enough provision to store molasses in steel tanks covered with proper roofing to protect the molasses from water. Molasses storing in open pits/lagoons is not permitted.

8. There shall not be any mix up of storm water runoff with treated/untreated effluent. The applicant shall submit detailed storm water management plan for press mud storage area with suitable storm water collection system (to avoid runoff entering natural drainage system) within 30 days.
9. The industry shall comply with all the observations made during the environmental Public hearing held on 08.08.2006.
10. The industry shall comply with all the observations made during the 319th TAC meeting held on 26.06.2006.
11. **AIR POLLUTION CONTROL:**
 1. The chimney height shall be provided as per the guidelines for stack height given in **Annexure-II**.
 2. The daily/hourly rate of emissions discharged and the tolerance limits of the constituents forming the emissions in each of the stacks/chimneys shall not exceed the limits laid down in **Annexure-II**.
 3. The industry shall take immediate action to install Electrostatic Precipitator (ESP) for chimney attached to the 125 TPH Boiler as the control equipment for the control of constituents in the emissions so as to conform to the tolerance limits as per Conditions No.2 within the date noted against them indicated in **Annexure-II**. The industry shall also submit design details of Electrostatic Precipitator to the Board within 30 days from the date of issue of this consent for establishment. In case of failure of air pollution control equipment, the industry shall immediately stop the production activity.
 4. The industry shall provide port holes for sampling the emissions and access platforms for carrying out stack sampling and provide electrical outlet points and other arrangements for all stacks/chimneys and other sources of emissions so as to collect samples of emissions by the Board or the applicant at any time in accordance with the provisions of the Act and Rules made therein. The details of the location of sampling port holes, the platforms, the electrical outlet point etc., are detailed in **Annexure-III**.
 5. The industry shall at his own cost get the samples of emissions collected and get them analyzed in any Laboratory every month for the parameters indicated in condition No.2 from the sampling port holes provided as per condition No.4 and shall submit in duplicate, the analysis results to the Board within seven days from the date of collection of samples.
 6. The discharge of emission from the premises of the applicant shall pass through the stacks/chimneys wherefrom the Board shall be free to collect the samples at any time in accordance with the provisions of the Act and Rules made there under.
 7. The industry shall not change or alter either the quality or quantity or rate of emission or install/replace or alter the air pollution control equipments, change in raw material or manufacturing process resulting in change in quality and/or quantity of emissions, shall be intimated to Board and shall obtain prior approval of the Board by furnishing all the information.

8. The industry shall ensure that the ambient air quality in its premises shall conform to the National Ambient Air Quality Standards specified in Environment (Protection) Rules, as enclosed in **Annexure-IV**.
9. a) The industry shall provide and maintain at its own cost, Ambient Air Quality Monitoring stations for monitoring Suspended Particulate Matter, Sulphur Di Oxide, Nitrogen Oxide, Hydro Carbons, Carbon Monoxide and monitor the same once in a month. The data collected shall be maintained in a Register and a monthly extract be sent to the Board.
- b) The ambient air quality monitoring station shall be located in consultation with this Board. The period of 08 hours monitoring shall be such as to cover the cycle of 24 hours at least once in week.
10. The industry shall provide and maintain at his own cost a meteorological station to collect the data on wind velocity, direction, temperature, humidity, rainfall etc., and daily reading shall be recorded and the extract be sent to the Board once in a month.

III. SOLID WASTE DISPOSAL:

1. The factory shall dispose off all solid waste generated from the process and from the process and from the effluent treatment plant in a scientific manner without causing underground and surface water pollution directly or indirectly. The solid waste shall be disposed off without causing eye sores to the public.
2. The factory premises and the surroundings shall be kept clean.
3. The mode of disposal of solid waste and the area selected for the same shall be got approved by the Board duly furnishing the relevant information within 30 days from the receipt of this consent for establishment.
4. The details of Solid waste generated from the industry along with mode of disposal shall be as below;

Type of Waste	Quantity in Tons/day	Mode of Disposal
Bottom ash & Fly ash-	15.75	Given to Farmers for land application
Press mud	200	
Molasses	200	Stored in MS Tank and sold to distillery
Bagasse	1500	Used as Fuel
Garbage from the Colony	200 Kgs/day	Used as Manure

IV. HAZARDOUS WASTES (MANAGEMENT & HANDLING) RULES 1989 & 2003:

1. The industry shall apply and obtain authorization under Hazardous Waste (Management & Handling) Amended Rules 2003, and comply with the conditions of the authorization to handle, store and to dispose effluent treatment plant sludge & waste oil generated.

V. HEALTH & SAFETY:

1. The industry shall take all safety measures to avoid any injury to its employees and local people as per the approved Onsite Emergency Plan.
2. The applicant shall provide all necessary healthcare facilities to workers and shall carry out routine health survey among workers. Tests like Spirometry, Pulseoxymetry, Lung function test, etc., shall be carried out regularly to all the employees.
3. The industry shall regularly check the health of workers exposed to very high noise levels and suitable measures to avoid any ill effects shall be taken.

VI. WATER CESS:

1. The industry shall comply the provisions of Water (Prevention and Control of Pollution) Cess Act, 1977, by installing water meters, filing water cess returns in the Form-I and other provisions as contained in the said Water (Prevention and Control of Pollution) Cess Act, 1977.

VII. GENERAL :


1. The industry shall provide separate D.G.Set of sufficient capacity to run and operate the essential units of effluent treatment plant/control equipments, in event of brake down of power supply from Electricity Board. The industry shall provide necessary connection from D.G.Set to the effluent treatment plant power line. The action taken by the industry in this regard shall be informed to the Board within 30 days from the receipt of this consent for establishment.
2. The expansion of industry shall not be commissioned for trial or regular production unless the effluent treatment plant as approved by the Board is completed in all respects and necessary air pollution control equipments are installed to the satisfaction of the Board. The industry shall ensure that the treatment plant and control equipments are completed and commissioned simultaneously along with construction of the factory and erection of machineries.
3. Physical progress on the works shall be informed to the Board once in 3 month.
4. During the operation of the plant, if either the emissions from the stacks, chimney or the liquid effluents from the industry or solid waste disposal do not conform to the standards prescribed by the Board and incase of any complaints on water pollution, air pollution or noise pollution, the industry shall shut down the plant for effecting modification to the treatment works/control equipments so as to render the effluent and emissions to the prescribed standards.
5. The industry shall not undertake expansion/diversification/modernization, change of location of site etc., without the prior clearance from this Board.
6. The industry shall take afforestation measures in the factory area, so that greenbelt around the factory premises is maintained.
7. The Board reserves the right to review/impose additional conditions or to revoke, or change or alter the terms and conditions of consent for establishment.

8. The applicant shall not discharge any effluent outside the industry premises.
9. Log book for water use and wastewater generation shall be maintained.
10. The applicant shall collect lime sludge and dispose the same scientifically.
11. The industry shall take prior permission for abstraction of ground water from Central Water Authority, Government of India, and provide water meters for measuring the quantity of ground water abstracted.
12. Exact date of commissioning of the plant shall be informed to this Board 45 days advance so as to make necessary inspection of the plant and the pollution control measures provided by the industry.
13. The applicant is prohibited from discharge of raw/treated trade effluent into any stream, river or surface water body.
14. The effluent treatment plant shall be provided as per the design details submitted and shall be completed before commissioning of the plant. In aeration tank, F/M ratio and MLSS shall be considered as 0.2 and 3500 mg/l respectively in worst case.
15. The applicant shall collect and store bagasse properly to avoid fugitive emissions.
16. The applicant shall establish an Environmental Cell consisting of qualified staff and infrastructure (Lab, Samplers, etc.).
17. The issue of Consent for Establishment from the Board does not give any right to the Party/Project Authority/Industry to forgo any legal requirement that is necessary for setting/operation of the plant.

Please note that this is only consent for establishment issued to you to proceed with the formalities to establish the industry and does not give any right to proceed with trial/regular production. For this purposes, a separate consent of the Board for discharge of liquid effluent and the atmospheric emissions shall have to be obtained. The application for consent has to be made 45 days in advance to your commissioning for trial production of the plant. Issue of consent will be considered only after completion of effluent treatment plant both for domestic and industrial effluent and installing air pollution control equipments as required.

The receipt of this letter may please be acknowledged.

FOR AND ON BEHALF OF
KARNATAKA STATE POLLUTION CONTROL BOARD
BANGALORE - 560 001


MEMBER SECRETARY.

Encl.: Annexure-I to IV.


ANNEXURE - I
ON LAND FOR IRRIGATION

SL. NO.	Characteristics.	Tolerance limits.
1	Colour and Odour.	See Note.
2	Suspended Solids mg/l. Max.	100
3	Conductivity Micro ohms/cm. Max.	2250
4	pH value.	6.5 to 8.5
5	Oil and Grease mg/l. Max.	10
6	Bio-chemical Oxygen Demand, mg/l. (5 days at 20°C) Max.	100
7	Percent Sodium Max.	60
8	Residual Sodium Carbonate, mg/l. Max	5.0
9	Chloride (as Cl.) mg/l. Max.	600
10	Sulphate (as SO ₄) mg/l. Max.	1000
11	Dissolved Solids (Inorganic) mg/l. Max.	2100

Note: All efforts should be made to remove colour and unpleasant odour as far as practicable.

TABLE
HYDRAULIC LOADING APPLICABLE FOR DIFFERENT SOILS

SL. No.	Soil Texture.	Loading rate in M ³ /Hec/day.
1.	Sandy	225 to 280
2.	Sandy Loam.	170 to 225
3.	Loam.	110 to 170
4.	Clay Loam.	055 to 110
5.	Clayey.	035 to 055


MEMBER SECRETARY.

ANNEXURE-II

Chim. No.	Chimney attached to	Minimum chimney height to be provided above ground level.	Rate of emission NM ³ /Day NM ³ /Hr.	Constituents to be controlled in the emission.	Tolerance limits mg/NM ³	Air pollution control equipment to be installed, in addition to chimney height as per Col.(3).	Date on which air pollution control equipments shall be provided to achieve the stipulated tolerance limits and chimney heights conforming to stipulated heights.	Remarks
1	125 TPH Bagasse based Boiler.	85 m AGL.	-	SPM	150	Electrostatic Precipitator.	Before commissioning.	1. The emission rate of all chimneys shall be reported within 30 days. 2. Details of DG Sets if any like KVA rating, fuel consumption in Kg/Hr., chimney height above roof level and dia to be furnished within 30 days. DG Sets and other noise generating machinery to be provided with Silencers/Mufflers to reduce the noise pollution. 3. There shall be no smell or odour nuisance from the industry. 4. There shall be no other sources of air pollution.
2	1000 KVA D.G.Set (Fuel - HSD)	22 m ARL	-	SO ₂ <i>As per Annex-V</i>	-	With Acoustic Enclosures	- do -	

Note:

The noise levels shall not exceed 75 dB(A) leq. during day time and night time respectively.

MEMBER SECRETARY.

ANNEXURE-III

LOCATION OF SAMPLING PORTHOLES, THE PLATFORMS, THE ELECTRICAL OUTLET.

1. Location of Portholes and approach Platform:

Portholes shall be provided for all chimneys, stacks and other sources of emission. These shall serve as the sampling points. The sampling point should be located at a distance equal to atleast eight times the stack or duct diameters downstream and two diameters upstream from source of low disturbance such as a Bend, Expansion, Construction Valve, Fitting or Visible Flame for rectangular stacks, the equivalent diameter can be calculated from the following equation.

$$\text{Equivalent Diameter} = \frac{2 (\text{Length} \times \text{Width})}{(\text{Length} + \text{Width})}$$

2. The diameter of the Sampling Port should not be less than 3". Arrangements should be made so that the porthole is closed firmly during the period when it is not used for sampling.
3. An easily accessible platform to accommodate 3 to 4 persons to conveniently monitor the stack emission from the portholes shall be provided. Arrangements for an Electric Outlet Point off 230 V 15 A with suitable switch control and 3 Pin Point shall be provided at the Porthole location.

~~MEMBER SECRETARY.~~

ANNEXURE-IV

Pollutant	Time Weighted Average	Concentration in Ambient Air		Method of Measurement
		Industrial Area	Residential, Rural & other Areas	
Sulphur Dioxide (SO ₂)	Annual Average* 24 Hours**	80 µg/m ³ 120 µg/m ³	60 µg/m ³ 80 µg/m ³	1. Improved West and Gacke method. 2. Ultraviolet fluorescence.
Oxide of Nitrogen as NO ₂	Annual Average* 24 Hours**	80 µg/m ³ 120 µg/m ³	60 µg/m ³ 80 µg/m ³	1. Jacob & Hochheiser modified (Na-Arsenite) Method. 2. Gas Pulse Chemiluminescence.
Suspended Particulate Matter (SPM)	Annual Average* 24 Hours**	360 µg/m ³ 500 µg/m ³	140 µg/m ³ 200 µg/m ³	(Average flow rate not less than 1.1 m ³ / Minute)
Respirable Particulate Matter (size less than 10 µm)(RPM)	Annual Average* 24 Hours**	120 µg/m ³ 150 µg/m ³	60 µg/m ³ 100 µg/m ³	Respirable particulate matter sampler.
Lead (Pb)	Annual Average* 24 Hours**	1.0 µg/m ³ 1.5 µg/m ³	0.75 µg/m ³ 1.00 µg/m ³	AAS Method after sampling using EPM 2000 or equivalent filter paper.
Carbon Monoxide (CO)	8 Hours** 1 Hour	5.0 µg/m ³ 10.0 µg/m ³	2.0 µg/m ³ 4.0 µg/m ³	Non dispersive infrared spectroscopy.

* Annual Arithmetic mean of minimum 104 measurements in a year taken twice a week 24 hourly at uniform interval.

** 24 hourly/8 hourly values should be met 98% of the time in a year. However, 2% of the time, it may exceed but not on two consecutive days.

MEMBER SECRETARY

D. P. Singh
V

489(E).—In exercise of the powers conferred by sections 6 and 25 of the Environment (Protection) Act, 1986 (29 of 1986), the Central Government hereby makes the following rules further to amend the Environment (Protection) Rules, 1986, namely:—

- (1) These rules may be called the Environment (Protection) Third Amendment Rules, 2002.
- (2) They shall come into force on the date of their publication in the Official Gazette.

2. In the Environment (Protection) Rules, 1986, in Schedule 1, after serial number 95 relating to Emission Limits for New Diesel Engines (up to 800 KW) for Generator Sets (Gensets) Applications and the entries relating thereto, the following serial number and entries shall be inserted, namely :

96. EMISSION STANDARDS FOR DIESEL ENGINES (ENGINE : RATING MORE THAN 0.8 MW (80.0 KW) FOR POWER PLANT, GENERATOR SET APPLICATIONS AND OTHER REQUIREMENTS

TABLE

Parameter	Area Category	Total engine rating of the plant (includes existing as well as new generators sets)t	Generator sets commissioning date		
			Before 1.7.2003	Between 1.7.2003 and 1.7.2005	On or after 1.7.2005
NO _x (as NO ₂) (at 15% O ₂), dry basis, in ppmv	A	Upto 75 MW	1100	970	710
	B	Upto 50 MW			
Total HCs (as C) (at 15% O ₂); mg/Nm ³	A	More than 75 MW	1100	710	360
	B	More than 150 MW			
CO (at 15% O ₂), mg/Nm ³	Both A and B		150	100	
	Both A and B		75	75	
Fuels - HSD & LDO					
	Both A and B		150	100	
Furnace Oils-LSHS	Both A and B				

	3 and 5 and 5	100	100
Sulphur content in fuel	A		<2%
	B		<4%
Fuel specification	For A only	Up to 5MW	Only Diesel Fuels (HSD, LDO) shall be used.
Stack height (for generator sets commissioned after 17.2.2003)	Stack height shall be maximum of the following, in meter : (i) $14 Q^{0.3}$, Q = Total SO ₂ emission from the plant in kg/hr. (ii) Minimum 6 m. above the building where generator set is installed. (iii) 30 m		

MW	:	Mega (10 ⁶) Watt
NO _x	:	Oxides of Nitrogen
NO ₂	:	Nitrogen Dioxide
O ₂	:	Oxygen
NMHC	:	Non-Methane Hydrocarbon
C	:	Carbon
PM	:	Particulate Matter
CO	:	Carbon Monoxide
SO ₂	:	Sulphur Dioxide
ppmv	:	Part per million (10 ⁶) by volume
FO	:	Furnace Oil
HSD	:	High Speed Diesel
LDO	:	Light Diesel Oil

	:	Low Sulphur Heavy Stock
kPa	:	Kilo Pascal
mm	:	Milli (10^{-3}) metre
kg/hr	:	Kilo (10^3) gram per hour
mg/Nm ³	:	Milli (10^{-3}) gram per Normal metre cubic

2. Area categories A and B are defined as follows :

Category A: Areas within the municipal limits of towns/cities having population more than 10 lakhs and upto 5 km beyond the municipal limits of such towns/cities.

Category B: Areas not covered by category A

The standards shall be regulated by the State Pollution Control Boards or Pollution Control Committees, as the case may be.

4. Individual units with engine ratings less than or equal to 800 KW are not covered by this notification.

5. Only following liquid fuels viz. High Speed Diesel, Light Diesel oil, Low Sulphur Heavy Stock and Furnace Oil or liquid fuels with equivalent specifications, shall be used in these power plants and generator sets.

6. For expansion project, stack height of new generator sets shall be as per total Sulphur Dioxide emission (including existing as well as additional load).

7. For multi engine plants, fuels shall be grouped in cluster to get better plume rise and dispersion. Provision for any future expansion should be made in planning stage itself.

8. Particulate Matter, Non-Methane Hydrocarbon and Carbon Monoxide results are to be normalized to 25° C, 1.01 Kilo Pascal (760 mm of mercury) pressure and zero percent moisture (dry basis).

9. Measurement shall be performed at steady load conditions of more than 85% of the rated load

10. Continuous monitoring of Oxides of Nitrogen shall be done by the plants whose total engine capacity is more than 50 Mega Watt. However, minimum once in six month monitoring for other parameters shall be adopted by the plants.

11. Following methods may be adopted for the measurement of emission parameters,-

Sl. No.	Emission Parameters	Measurement Methods

	Particulates	Gravimetric
1	SO ₂	Barium Perchlorate-Thorium indicator method
2	NO _x	Chemiluminescence, Non Dispersive Infra Red, Non Dispersive Ultra-violet (for continuous measurement), Phenol disulphonic method
3	CO	Non Dispersive Infra Red
4	O ₂	Paramagnetic, Electrochemical sensor
5	NH ₃	Gas Chromatograph - Flame Ionisation Detector

[F. No. Q-15017/24/2002-CPW]
C. VISWANATH, Jt. Secy.

Note :- The principal rules were published in the Gazette. of India vide number S.O. 844(E) 19th November, 1986 and subsequently amended vide S.O. 433(E) dated 18th April, 1987, S.O. 64(E) dated 18th January, 1988, S.O.3(E) dated 3rd January, 1989, S.O. 190(E) dated 15th March, 1989, G.S.R. 913 (E) the 24th October, 1989, S.O. 12(E) dated the 8th January, 1990, G.S.R. 742(E) dated the 30th August 1990, S.O. 23(E) dated the 16th January, 1991, G.S.R. 93(E) dated the 21st February, 1991, G.S.R. 95(E) dated the 12th February, 1992, G.S.R. 329(E) dated the 13th March, 1992, G.S.R. 475(E) dated the 5th May, 1992, G.S.R. 797(E) dated the 1st October, 1992, G.S.R. 386(E) dated the 28th April, 1993, G.S.R. 422(E) dated the 19th May, 1993, G.S.R. 801(E) dated the 31st December, 1993, G.S.R. 176(E) dated the 3rd April 1996, G.S.R. 631(E) dated the 31st October, 1997, G.S.R. 504(E) dated the 20th August, 1998, G.S.R. 7(E) dated the 25th September, 2000, G.S.R. 72(E) dated 6th February, 2001, G.S.R. 54(E) dated 22.1.2002 and G.S.R. No. 371(E) dated 17.5.2002.