



Rajasthan State Pollution Control Board
 4, Institutional Area, Jhalana Doongari, Jaipur-302 004
 Phone: 0141-5159600, 5159695 Fax: 0141-5159697

www.rpcb.nic.in

Registered

File No : F(Tech)/Alwar(Tijara)/89(1)/2009-2010/4184-4186

Order No : 2012-2013/MUD/902

Date: 22/08/2012

M/s CRI Distributors & Developers Pvt. Ltd.

Village Khijeriwas, Bhiwadi-Alwar Bypass Road,

Tehsil/Tijara

District Alwar

Re: Consent to Operate under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21(4) of Air (Prevention & Control of Pollution) Act, 1981.

Re: Your application for Consent to Operate dated 07/06/2012 and subsequent correspondence.

1.

Consent to Operate under the provisions of section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 (hereinafter to be referred as the Water Act) and under section 21 of the Air (Prevention & Control of Pollution) Act, 1981, (hereinafter to be referred as the Air Act) as amended to date and rules & the orders issued thereunder is hereby granted for your Group Housing Complex (Avalon Garden) plant situated at Village Khijeriwas, Bhiwadi-Alwar Bypass Road Tehsil/Tijara District Alwar, Rajasthan, subject to the following conditions:-

1. That this Consent to Operate is valid for a period from 07/06/2012 to 31/05/2015.
2. That this Consent is granted for manufacturing / producing following products / by products or carrying out the following activities or operation/processes or providing following services with capacities given below:

Particular	Type	Quantity with Unit
BUILT UP AREA	Activity	32,532.53 SQ. METER (BUILTUP AREA)
PLOT AREA	Activity	18,088.50 SQ. METER

3. That this consent to operate is for existing plant, process & capacity and separate consent to establish/operate is required to be taken for any addition / modification / alteration in process or change in capacity or change in fuel.
4. That the quantity of effluent generation along with mode of disposal for the treated effluent shall be as under:

Type of effluent	Max. effluent generation (KLD)	Recycled Qty of Effluent (KLD)	Disposed Qty of effluent (KLD) and mode of disposal
Domestic Sewage	253.000	152.000	101.000 Plantation / Other Uses Within Premises / Drain Outside

[Signature]
27/8/12



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5. That the sources of air emissions along with pollution control measures and the emission standards for the prescribed parameters shall be as under:

Sources of Air Emissions	Pollution Control Measures	Prescribed	
		Parameter	Standard
D.G.Set(500KVA)	ACOUSTIC ENCLOSURE , WITH ADEQUATE STACK HEIGHT		
Two D.G.Sets(750KVA EACH)	ACOUSTIC ENCLOSURE , WITH ADEQUATE STACK HEIGHT		

6. That the domestic sewage shall be treated before disposal so as to conform to the standards prescribed under the Environment (Protection) Act-1986 for disposal into Inland Surface Water. The main parameters for regular monitoring shall be as under.

Parameters	Standards
pH Value	Between 8.5 to 9.0
Oil and Grease	Not to exceed 10 mg/l
Biochemical Oxygen Demand (3 days at 27°C)	Not to exceed 30 mg/l
Chemical Oxygen Demand	Not to exceed 250 mg/l

7. That if the project cost exceeds Rs. 45.00 crores, the unit shall take/obtain modification in consent to operate after paying fee as applicable.
8. That the unit shall obtain all necessary permission from UIT & Nagar Parishad, Alwar related to the project.
9. That the project proponent shall comply all the conditions of Environmental Clearance imposed by State Level Environment Impact Assessment Authority, Rajasthan vide letter no. F1(4) SEIAA/SEAC_Raj/Sheet./Project/Cat(8aB1) (57)/08-09 dated 31.03.2009.
10. That the Project Proponent shall maintain and operate the STP of 305 KLD to treat the waste water generated from the utilities.

[Signature]
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- 11 That the water flow meters shall be provided at all suitable points to measure quantity of daily water consumption, waste water generation, waste water treated and treated waste water recycled and utilized for plantation/gardening purposes. Daily record of the same shall be maintained and to be submitted to the Board.
- 12 That the Project Proponent shall comply all the conditions imposed by CGWA vide letter no. 2170 dated 03.08.2010.
- 13 That the industry shall comply with the standards as prescribed vide MOEF notification no. GSR 826(E) dated 16th November, 2009 with respect to National Ambient Air Quality.
- 14 That this consent to operate is valid for total Built-up area 32,532.53 Sq. Meters (Plot area-180,88.5 Sq. Meters) . For any change in capacity of the services & area, the unit has to seek fresh consent to establish.
- 15 That the Project proponent shall ensure not to discharge treated/untreated waste water into any drain/Nallah which is terminating to any water body in nearby area.
- 16 That the entire treated sewage shall be utilized within premises for flushing, horticulture/plantation etc or into the soakage trenches and zero discharge status shall be maintained outside the premises.
- 17 That the Project Proponent shall install adequately designed rain water harvesting structure for prevention and recharge of ground water in and around the area.
- 18 That the Project proponent shall maintain adequate height of stack along with acoustic enclosures on three D.G.Sets of 2x 750 KVA each and 1x500 KVA. Further unit shall not allow to install any other air pollution source i.e. Boiler/Hot Water generator etc without prior permission of the Board under the Air Act 1981.
- 19 That the unit shall dispose the sludge of STP in scientific manner.
- 20 That the unit shall not allow making any obstacles to any natural water flow i.e. natural nallah/stream carrying rain water to any water body.
- 21 That the Project proponent shall ensure proper utilization and reuse of domestic waste water after adequate treatment for gainful purposes.
- 22 That the unit shall provide and maintain the Oil & Grease trap in good condition, so that oil & grease coming with waste water from kitchen/laundry will retained in the trap.
- 23 That, not withstanding anything provided hereinabove, the State Board shall have power and reserves its right, as contained under section 27(2) of the Water Act and under section 21(6) of the Air Act to review anyone or all the conditions imposed here in above and to make such variation as it deemed fit for the purpose of Air Act & Water Act.
- 24 That the grant of this Consent to Operate is issued from the environmental angle only, and does not absolve the project proponent from the other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility to comply with the conditions laid down in all other laws for the time-being in force, rests with the industry/ unit/ project proponent.

[Signature]



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Order No: 2012-2013/MUID/962

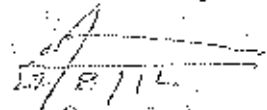
Date: 22/08/2012

25 That the grant of this Consent to Operate shall not, in any way, adversely affect or jeopardize the legal proceeding, if any, instituted in the past or that could be instituted against you by the State Board for violation of the provisions of the Act or the Rules made thereunder.

This Consent to Operate shall also be subject, besides the aforesaid specific conditions, to the general conditions given in the enclosed Annexure. The project proponent will comply with the provisions of the Water Act and Air Act and to such other conditions as may, from time to time, be specified by the State Board under the provisions of the aforesaid Act(s). Please note that, non compliance of any of the above stated conditions would tantamount to revocation of Consent to Operate and project proponent / occupier shall be liable for legal action under the relevant provisions of the said Act(s).

This bears the approval of the competent authority.

Yours Sincerely


Group Incharge

Copy To:

1. Regional Officer, Regional Office, Rajasthan State Pollution Control Board, Alwar to inspect the unit for verification of compliance of consent to operate conditions within 03 months time and intimate to Head Office.
2. Master File.

Group Incharge

General Conditions related to both Air & Water Acts

1. That to achieve the prescribed standards of the consent order, adequate arrangement for pollution control shall have to be provided, maintained and operated all the time whenever the consent/plant is in operation.
2. The power supply to all the pollution control measure/system shall be measured by separate power meters and separate log book shall be maintained for recording running hours of PCM, consumption of power, chemicals, every eight hours. The log books/records are to be shown to the officials of the Board during inspection or as and when asked for.
3. That the occupier shall make appropriate arrangement for interlocking the pollution control devices with D.G. set so that in the event of power failure the pollution control arrangements may remain in operation while the plant is being operated on the D.G.
4. That the power supply to the production/process shall be so interlocked with the pollution control equipments that in the event of non functioning of the pollution control equipments, the production process stops immediately.
5. That the industry shall ensure compliance of the consent conditions along with analysis reports of the stacks emissions/ambient air quality. The compliance report along with analysis report of the samples will be submitted to the Head Office of the Board at Jaipur and also concerned Regional Office of the Board office soon after it is carried out. For this, the paid sampling & analysis facilities with the Board can be availed. The frequency of compliance reporting for various types of units will be as under:

Sr. No.	Type of Industry	Compliance Reporting schedule by the industry
1	17 highly polluting industries (large & medium scale)	Once in 6 months
2	17 highly polluting industries (small scale) and 17 highly polluting industries (other than 17 categories)	Once in 12 months
3	Small scale industries (small scale)	Once in 18 months
4	Orange category industries (large & medium scale)	Once in 24 months
5	Orange category (small scale) and all the Other Category units.	Once in 36 months

6. That the industry shall comply with the provisions of Hazardous Waste (Management & Handling) Rules, 1989 and Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 and Battery Rules (Management & Handling) Rules 2001, amended to date as notified under Environment (Protection) Act 1986(if applicable).
7. That the management shall obtain and maintain valid insurance policy coverage under Public Liability Insurance Act (PLIA) and submit its copy to the Board every year (if applicable).
8. That Occupier shall ensure compliance of recommendations of Corporate Responsibility for Environment Protection (CREP) issued by Central Pollution Control Board (CPCB) for certain specific kind of industries (if applicable).
9. That the Occupier shall submit Environmental Statement every year in the month of September for the period April to March of the previous financial year.
10. That the management shall maintain good house keeping in the plant.
11. In case of consent to operate for the proposed project or expansion, the industry shall inform to this office and also the concerned Regional Office about the installation/ arrangement made for control of pollution so as to conform to the prescribed norms at least 4 weeks in advance of commissioning of the processing plant so that the same could be inspected and verified for its adequacy.
12. That any incorrect information submitted in the consent application form and its enclosures shall make the industry liable for legal action under section 43 of Water Act section 38 of the Air Act.
13. The consent under no circumstances shall be construed as conferment of any property or any interest of the applicant unit. It is only confined for the purpose of regulation of the provisions of Water Act and Air Act.
14. That this consent is valid subject to fulfillment of other statutory requirement in other Laws/Acts/Rules as applicable.
15. The Occupier shall make an application for renewal of consent to operate in the prescribed form in

duplicate along with the requisite consent fees and compliance reports at least 120 days before consent to operate. It may be noted that no post-facto consent will be issued in case the ind. apply for renewal within the time prescribed as above.

16. That this consent to operate is for existing plant and process and separate consent to establish is req. be obtained for any addition/ modification/ alteration or change before taking any step for such a . Further, this consent to operate shall in no case be treated Consent to Establish for further expansion.
17. That the industry will submit compliance report of the aforesaid conditions quarterly to the Head Office as well as the concerned Regional Office of the Board. However, compliance of the conditions in which specific time scheduled has been prescribed has to be submitted as per the prescribed time scheduled.
18. That 33% of the total area of factory premises shall be covered by the tree plantations. This area under plantation will be calculated as per circular No 7,74 (40) RP/CR/Ptg/Policy/5864-5875 dated 15.7.2004 or

General Conditions related to Air Act only

1. That height of the stacks attached to all the major sources/D.G. sets shall be provided and maintained as per the norms prescribed.
2. That you shall provide and maintain necessary infrastructure facilities for the monitoring of stack emissions and ambient air quality parameters in accordance with the prescribed guidelines & suggestions given by the officials of the Pollution Control Board from time to time.
3. That the occupier shall provide and maintain above ground recycling tanks of adequate capacity with proper lining to avoid spillage or overflow of scrubbing media on land. In order to check the corrosion of the drains, anti-corrosive lining should be provided. Also the industry shall have to maintain proper record of water consumption in scrubbing system, scrubbed liquor recycling, treatment, etc. etc.
4. In case of 17 category highly polluting units and large scale red category air polluting units like major Power Plants, Cement Plants, Smelters, Petroleum Refineries, Fertilizer Plants and Chemical Units, the occupier shall provide at least three ambient air quality stations at the periphery of the factory premises for monitoring of ambient air parameters. Location of these stations shall be decided in consultation with concerned Regional Officer. The results of monitoring shall be submitted to the State Board every three months.
5. That, the Occupier shall provide the proper extraction and control system for the fugitive emission from the various activities/process. These are to be maintained in good condition and operated properly so as to maintain clean and safe environment in and around the premises of the unit.
6. That for the diesel generator sets acoustic enclosure/acoustic treatment shall be provided to meet the prescribed normal work noise as per the Gazette Notification dated of the Ministry of Environment & Forests, Government of India 02.01.99. Noise from the diesel Generator Sets shall be controlled by providing an acoustic enclosure or by treating the room acoustically. The acoustic enclosure/acoustic treatment of room should be designed for minimum 25 dB (A) Insertion Loss or for meeting the ambient noise standards, whichever is on the higher. The measurement for Insertion Loss may be done at different points at 0.5 metre from the acoustic enclosure/room and then averaged. The Diesel Generator Sets should also be provided with proper exhausts muffler with insertion loss of minimum 25 dB (A).
7. In case of D.G. Set of capacity more than 0.8 MW, the air emission standards as prescribed under GSK 489 (I) dated 09.02.92 shall be complied with.
8. The stack height for the Diesel Generator Sets shall be as below:
$$\text{Height of Stack (in Meters)} = \text{Height of Building} + 0.2V (\text{KVA of D.G Set}).$$
9. That the Occupier shall ensure that the noise from the operations in the unit does not exceed the prescribed ambient noise standards for the industrial area i.e. 75 dB (A)Leq during the day time and 70 dB(A)Leq during the night. The day time is reckoned in between 6 am and 9 pm and the night time is reckoned between 9 pm and 5 am.

- samples of treated effluent shall be collected as per the schedule prescribed in condition no. 2 at the terminal manhole during normal production and shall be analyzed for all the parameters in respect of which limits have been fixed. Report of analysis shall be submitted to the Board regularly or immediately after the analysis is completed. Methods of sampling and testing shall be as per IS:4733 and IS: 2433 or methods approved by Board as the case may be for domestic and industrial effluent.
2. The efforts shall be made to recycle maximum quantity of the treated waste water into the process and utilities and the remaining be utilized in plantation in the premises. For utilization of the treated waste water in plantation, a well designed sprinkling system should be installed maintained and operated. Adequate land depending upon the applicable hydraulic loading criteria shall be arranged and maintained under plantation. The criteria is as follows:

Hydraulic loading to be restricted depending on the nature of soil as stated below: (subject to taking into account the nature of crop and its water requirement, climatic conditions and frequency of

Soil Texture Class	Dosage of settled sewage applied M3/Hectare/Day
Sandy	225 to 282
Sandy Loam	168 to 225
Loam	112 to 168
Clay Loam	56 to 112
Clayey	35 to 57

Soil Texture Class	Dosages of settled industrial waste applied M3/Hectare/Day	
	BOD up to 300 mg/l	BOD more than 300 mg/l but less than 500 mg/l
Sandy	180 to 226	90 to 113
Sandy Loam	134 to 180	67 to 90
Loam	90 to 134	45 to 67
Clay Loam	44 to 90	22 to 45
Clayey	28 to 44	14 to 22

3. A holding tank of at least 24 hours capacity shall be provided and maintained to store the waste water in case of failure of any part of treatment plant or non-functioning of treatment system.
4. That the domestic waste water generated from the industry shall be treated as per IS:2470 (Part-I & II) and shall be discharged into soak pit through septic tank. In case the industry is having its own housing colony having discharge more than 30 KLD, the industry should have Sewage treatment plant. The requirement of waste water treatment for hotels shall be according to specific circulars issued for hotels.
5. That the occupier shall provide and maintain above ground recycling/evaporation tanks of adequate capacity with proper lining to avoid spillage or overflow of scrubbing media on land. In order to check the corrosion of the drains, anti-corrosive lining should be provided. Also the industry shall have to maintain proper record of water consumption in scrubbing system, scrubbed liquor, recycling, treatment, sale etc.
6. In case of disposal of effluent through solar evaporation, industry is required to have solar evaporation pans for evaporation of the effluent at least one meter above the ground having proper lining to make

- them impervious. They should have adequate evaporation surface area based on the evaporation rate in that particular area.
7. That the occupier shall have to store the semi solid and solid waste if so generated in a proper manner on impervious platform along with facility for leachate collection which shall be collected and sent to the effluent treatment plant for proper treatment.
 8. In case the water consumption is more than 10 KLD, the authorities shall comply with the provisions of Water (Prevention & Control) of Pollution Cess Act-1977 and industry shall regularly submit to the Board the returns in the prescribed form and will deposit the cess as specified under Section 3 of the said Act. In case the industry fails to submit the returns in time, the assessment of cess will be made considering the water consumption figures given in the consent application form or earlier return whichever is higher. Units covered under self assessment scheme (SAS) having annual cess amount up to Rs. 6000/- shall deposit the cess in the concerned Regional Office of the Board along with Self Assessment Form.
 9. That the industry will install water meters at the source of water supply and will keep complete records