



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(MUID)/Jaipur(Jaipur)/694(1)/5192-5194

Order No: 2014-2015/MUID/2809

Dispatch Date: 17/09/2014

M/s Anil Kumar Kastiyal POA of Sushil Kumar Kastiyal

523, Jamna Dairy, Sodala, , Tehsil:Jaipur

District:Jaipur.

Sub: Consent to Establish 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.

Ref: Your application(s) for Consent to Establish dated 08/08/2014 and subsequent correspondence.

Sir,

Consent to Establish 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 Project / plant situated / proposed at Khasra nos. 88/1, 88/406, Village - Madrampur, Tehsil:Jaipur, District:Jaipur, Rajasthan under the provisions of the said Act(s). This consent is granted on the basis of examination of the information furnished by you in consent application(s) and the documents submitted therewith, subject to the following conditions:-

- 1 That this Consent to Establish is valid for a period from 12/08/2014 to 31/07/2017 or date of Commencement of production / commissioning of the project or activities whichever is earlier.
- 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 / Capacity
BUILT UP AREA	Activity	22,209.63 SQ. METER
NET PLOT AREA	Activity	3,284.56 SQ. METER

- 3 That in case of any increase in capacity or addition / modification / alteration or change in product mix or process or raw material or fuel the project proponent is required to obtain fresh consent to establish.
- 4 That the control equipment as proposed by the applicant shall be installed before trial operation is started for which prior consent to operate under the provision of the Water Act and Air Act shall be obtained. This consent to establish shall not be treated as consent to operate.
- 5 That the quantity of effluent generation and disposal along with mode of disposal for the treated effluent shall be as under:



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(MUID)/Jaipur(Jaipur)/694(1)/5192-5194

Order No : 2014-2015/MUID/2809

Dispatch Date: 17/09/2014

Type of effluent	Max. effluent generation (KLD)	Quantity of effluent to be recycled (KLD)	Quantity of treated effluent to be disposed (KLD) and mode of disposal
Domestic Sewage	41.000	19.000	22.000 On Land For Plantation Horticulture etc

- 6 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
Two D.G. Sets(200KVA)	ACOUSTIC ENCLOSURE, WITH ADEQUATE STACK HEIGHT		

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

Parameters	Standards
Total Suspended Solids	Not to exceed 100 mg/l
pH Value	Between 5.5 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
Phosphate as P	Not to exceed 1.0 mg/l
Chemical Oxygen Demand	Not to exceed 250 mg/l

- 8 That the unit shall obtain all necessary permission from concerning authority, JDA, Jaipur & district administration, Jaipur related to construction of the proposed group housing project.



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(MUID)/Jaipur(Jaipur)/694(1)/5192-5194
Order No: 2014-2015/MUID/2809

Dispatch Date: 17/09/2014

- 9 That the project proponent shall not carry out any further construction activities (beyond Nil Sq.Meters) at site without obtaining prior Environmental Clearance under the EIA Notification dated 14.9.2006 from Competent authority.
- 10 That the unit shall not abstraction of ground water without prior NOC from CGWA.
- 11 That the unit shall be granted Consent to Operate only when submit proper water supply connection permission from PHED for proposed group housing project before commissioning of the project.
- 12 That the unit shall install and commission the proposed STP of 50.00 KLD to treat the waste water (41.00 KLD) generated from all the utilities before commissioning of the project.
- 13 That the water flow meters shall be provided at all suitable points to measure quantity of daily water received, 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.
- 14 That the unit 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.
- 15 That the unit shall ensure compliance of ambient air quality standard in respect of noise as prescribed under Environment (Protection) Act & Rules made therein.
- 16 That this consent to establish is being issued for Proposed Group Housing Project ("Group Housing") with Built up Area - 22,209.63 Sq. Meters and Net plot area - 3,284.56 Sq. Meters (after surrender) only. For any change in capacity of the services & area, the unit has to seek fresh consent to establish.
- 17 That the total water consumption for the project shall not exceed - 52.00 KLD (fresh - 33.00 KLD + recycled - 19.00 KLD) without prior permission of State Board and PHED.
- 18 That the entire treated sewage shall be utilized within premises for flushing, horticulture/plantation etc and zero discharge status shall be maintained outside the premises.
- 19 That the unit shall dispose the sludge of STP in scientific manner.
- 20 That the unit shall ensure proper recycling and reuse of domestic waste water after adequate treatment.
- 21 That if the project cost exceeds Rs. Rs.41.00 Crores, the unit shall take/obtain modification in consent to establish after paying fee as applicable.
- 22 That the unit shall maintain adequate height of stack along with acoustic enclosures on two D.G.Sets of 2 x 200 KVA. Further unit shall not allow to install any other air pollution source i.e. Boiler/Hot Water generator etc without prior consent to establish from the Board under the Air Act 1981.
- 23 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.



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(MUID)/Jaipur(Jaipur)/694(1)/5192-5194
Order No : 2014-2015/MUID/2809

Dispatch Date: 17/09/2014

- 24 That the unit shall install adequately designed rain water harvesting structure for prevention and recharge of ground water in and around the area.
- 25 That the solid waste generated should be properly collected & segregated. Wet garbage should be composted and dry/inert solid waste should be disposed off to approved sites for land filling after recovering recyclable material.
- 26 That energy conservation measures like installation of CFLs/FLs for lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning.
- 27 That used CFLs/FLs should be properly collected and disposed off/sent for re-cycling as per the prevailing rules/guidelines issued by the regulatory authority. Use of solar panels also may be done to the extent possible.
- 28 That adequate measures should be taken to prevent odour problem from solid waste processing plant and also from STP
- 29 That the unit shall obtain consent to operate under the Water Act 1974 and under the Air Act 1981 from the State Board and proper permission from PHED for water supply before commissioning of the project.
- 30 That this consent to establish shall be subject to compliance of any direction or order passed by Court of Law in the matter.
- 31 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.
- 32 That, notwithstanding 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 compliance of the Water Act and Air Act.
- 33 That the grant of this Consent to Establish 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.
- 34 That the grant of this Consent to Establish shall not, in any way, adversely affect or jeopardize the legal proceedings, 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 Establish shall also be subject, beside 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 Establish and project proponent / occupier shall be liable for legal action under

17/9/14

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 process/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 none functioning of the pollution control equipment, the production process stops automatically.
5. That the industry shall submit compliance of the consent conditions along with analysis reports of the stack 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.

triplicate along with the requisite consent fees and compliance reports at least 120 days before the consent to operate. It may be noted that no post-facto consent will be issued in case the industry 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 required to be obtained for any addition/ modification/ alteration or change before taking any step for such a change. Further, this consent to operate shall in no case be treated as Consent to Establish for further expansion or any.
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 a 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 of plantation will be calculated as per circular No. F.14 (40) RPCB/Plg/Policy/5804-5825 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 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, sale etc.
4. In case of 17 category highly polluting units and large scale red category air polluting units like Iron and Steel Plants, Cement Plants, Smelters, Petroleum Refineries, Fertilizer Plants and Chemical Units, 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 the concerned Regional Officer. The results of monitoring shall be submitted to the State Board every month.
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 norms w.r.t noise as per the Gazette Notification dated 02.01.99 of the Ministry of Environment and Forests, Government of India. 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 meter from the acoustic enclosure/room and then averaged. The Diesel Generator Sets shall 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 Central Act 489 (E) dated 09.02.02 shall be complied with.
8. The stack height for the Diesel Generator Sets shall be as below:
$$\text{Height of Stack (in Meters)} = \text{Height of Building} + 0.2\sqrt{\text{(KVA of D G Set)}}$$
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 55 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.

General Conditions related to Water Act only

1. 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 soilage 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

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



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(MUID)/Jaipur(Jaipur)/694(1)/5192-5194

Order No : 2014-2015/MUID/2809

Dispatch Date: 17/09/2014

the the relevant provisions of the said Act(s).

This bears the approval of the competent authority.

Yours Sincerely


17/9/14
Group Incharge

Copy To:

- 1 Regional Officer, Regional Office, Rajasthan State Pollution Control Board, Jaipur requested to verify the compliance of CTE conditions and forward the detailed inspection report for further necessary action within 06 months.
- 2 Master File.

Group Incharge