



MADHYA PRADESH POLLUTION CONTROL BOARD

Paryawaran Parisar, E-5, Arera Colony, BHOPAL- 462016

{0755} 2464428, 2466191 Fax: {0755} 2463742 e-mail: it.mppcb@rediffmail.com

CONSENT LETTER

No. EI/Bhind/2012/MPPCB/142/115/.....

Bhopal, Date: 13-8-2012

Subject: Consent to M/s. **Godrej Consumer Products Ltd.** for the discharge of effluent under section 25/26 of the Water [Prevention & Control of Pollution] Act, 1974.

Ref: Your online application through NXGN inward No. 56978 dated: 11/07/12.

With reference to the above application for consent to discharge effluent into the natural water courses under the Water [Prevention & Control of Pollution] Act, 1974, hereinafter referred to as the Act. M/s. **Godrej Consumer Products Ltd.** authorized by the State Board to discharge its industrial and other effluent arising out of their premises into the local stream/river/well in accordance with the general and special conditions as mentioned in the Annexure.

This consent shall be valid for a period of One year from the first day of the month of commissioning of the plant.

This consent is valid for Product & Production Capacity of:-

<u>Name of Product</u>	<u>Production Capacity</u>
1. TOILET SOAP	70,000 MT/Year (Seventy thousand metric tonnes per year)
2. <u>INTERMEDIATE PRODUCTS :</u>	
a) MONOCARBOXYLIC FATTY ACID	98,250 MT/Year (Ninty Eight thousand Two hundred Fifty metric tonnes per year)
b) SOAP NOODLES (Sodium salt of fatty acid)	1,22,750 MT/Year (One Lakh Twenty Two thousand Seven hundred Fifty metric tonnes per year)
3. <u>BY PRODUCTS :</u>	
a) GLYCERINE	9600 MT/Year (Nine thousand Six hundred metric tonnes per year)
b) OXYGEN	19,20,000 Nm³/Year (Ninteen Lacs Twenty thousand normal cubic meter per year)



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Note: The above capacity includes the existing capacity of the plant. The previous consent issued under Water (Prevention & Control of Pollution) Act, 1974 vide letter No. B418 dated: 30/10/07 shall be treated as cancelled after commencement of production with expanded capacity.

For and on behalf of the M.P. Pollution Control Board.

Seal

Enclosure : Annexure.


(A. K. Jain)
Executive Engineer
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(R. K. JAIN)
Member Secretary
#

(1)

ANNEXURE

Enclosure to Consent Letter Issued to

M/s. Godrej Consumer Products Ltd.

Location of factory at Plot No. U-30, Industrial Area, Malanpur, Dist. Bhind

Vide Consent No. EI/Gwalior/2012/48/115/

Date 15-8-2012

A. GENERAL CONDITIONS :

1. All discharges authorized shall be consistent with terms and conditions of the Consent. Facility expansions, production, increases or process modification which result in new or increased discharges of pollutants must be reported by submission of a new Consent application or if such new, or increased discharge does not violate the effluent limitations specified in the Consent, by submission to the Board details of such new or increased discharges of pollutants in which case the consent may be modified to specify effluent limitations for any pollutants not identified and limited herein the discharge or any pollutant more frequently than or at a level in excess of that identified and authorized by this Consent shall constitute a violation of the terms and conditions of this consent.
2. After notice and opportunity for the hearing, this consent may be modified, suspended or revoked by the Board in whole or in part during its term for cause including, but not limited to, the following :
 - (a) Violation of any terms and conditions of this consent.
 - (b) Obtaining this consent by misrepresentation or failure to disclose fully all relevant acts.
 - (c) A change in any condition that requires temporary or permanent reduction or elimination of the authorized discharge.
3. Notwithstanding para (2) above, if a toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is established for a toxic pollutant which is present in the discharge authorized herein and such standard or prohibition is more stringent than any limitation upon such pollutant in this Consent, the Consent shall be revised or modified in accordance with the toxic effluent standard or prohibition that the Board may consider and the applicant shall be so notified.
4. The applicant shall allow the staff Madhya Pradesh Pollution Control Board and/or their authorized representative, upon the representation of credentials:
 - (a) To enter upon the applicant's premises where an effluent source is located or in which any records are required to be kept under the terms and conditions of this Consent.
 - (b) To have access to and copy at reasonable times any records required to be kept under the terms and conditions of this Consent.
 - (c) To inspect at reasonable times any monitoring equipment or monitoring method required in this consent; or
 - (d) To sample at reasonable times any discharge of pollutants.
5. The Applicant shall all times maintain in good working order and operate as efficiently as possible all treatment or control facilities or systems installed or used by him to achieve compliance with the terms and conditions of this consent.
6. The issuance of this Consent does not convey any property rights in either real or personal property or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Central, State or local laws or regulations.
7. The consent does not authorize or approve the Construction of any physical structures or facilities or the undertaking of any work in any water course.
8. The specific effluent limitations and other pollution control measures applicable to the discharge permitted herein are set forth below specific conditions. Also set forth below are self monitoring and reporting requirements. Unless otherwise specified, the applicant shall submit duplicate and original copies of all reports to the Madhya Pradesh Pollution Control Board. Except for data determined to be confidential, all such reports shall be available for public inspection at the office of the Madhya Pradesh Pollution Control Board. Knowingly making any false statement on any such report may result in the imposition of criminal penalties as provided for in section 42 of the Act.

B. SPECIAL CONDITIONS :

1. Initial effluent limitations: During the period beginning on the effective date of this consent and lasting until **One calendar year** discharge from out falls shall be limited and monitored by the applicant as specified below:
 - (a) The following shall be limited by the applicant as specified:

S.No.	Effluent Characteristics	Discharge Limitation				Monitoring Requirements	
		Average		Maximum		Frequency of Measurement*	Type of Sample**
		Mg/l	Kg/day	Mg/l	Kg/day		

*Daily/Weekly/ Monthly/ Trimonthly

** Grab / 24 Hour Composite

In addition to above discharge shall be limited and monitored as specified below :

S.No.	Effluent Characteristics	Discharge Limitation				Monitoring Requirements	
		Average		Maximum		Frequency of Measurement*	Type of Sample**
		Mg/l	Kg/day	Mg/l	Kg/day		

1. (a) For the purpose of this sub-section, the daily average discharge is the total discharge by weight during the calendar month divided by the number of days in month the production or commercial or commercial facility was operating for the purpose of this sub-section the daily maximum discharge means the total discharge by weight during any calendar day.
- (b) The pH shall not be less than 5.5 or greater than 9.0
2. **Final Effluent Limitation:** During the period beginning from the first day of the month of commissioning of industry and lasting until the date of expiration of this consent, discharge from to outfalls shall be limited and monitoring by the applicant as specified below:
 - (a) The following shall be limited and monitored by the applicant as specified.

S. No	Effluent Characteristics	Discharge Limitation				Monitoring Requirements	
		Average		Maximum		Frequency of Measurement	Type of Sample **
		Mg/l	Kg/ day	Mg/l	Kg/ day		
1.	B.O.D.			30	24	Monthly	24 Hours Composite
2.	C.O.D.			250	200		
3.	S.S.			100	80		
	pH : 5.5 to 9.0 Flow: 800 m ³ /day					Daily	Grab
* Daily/Weekly/Monthly/Tri-monthly							
** Grab/24 Hour Composite							

Additionally, outfalls shall be monitored as follows:

- (i) Flow, Temperature and Total solids once per month.
- (ii) Grab Samples, Maximum discharge Temperature above upstream receiving water shall be in accordance with the standard of ISI at 0° C.
- (iii) Uniform as per ISI 40° C.

The temperature shall be monitored once per month on each outfall. For the purpose of the sub-section the daily average is the total discharge by weight during the calendar month divided by the number of days in the month that the production or commercial facility was operating. For the purpose of this sub-section, the daily maximum discharge means the total discharge by weight during any calendar day.

- (b) The pH shall not be less than 5.5 or greater than 9.0 for outfalls. The samples are taken as monthly, grab samples.

3. **Schedule of compliance for effluent limitation:** The applicant shall achieve compliance with the effluent limitation specified above for discharge from outfalls in accordance with the following schedule :

- (i) Report of Progress : Monthly

- (f) Completion of final plans by
- (g) Award of contract or other commitment of financing
- (h) Commencement of construction of
- (i) Report of construction progress
- (j) Completion of construction by
- (k) Attainment of operational level by

Please see on Page No. 7

(d) The applicant shall submit to the Consent Issuing Authority the required report of progress or where a specific action is required in (a) above to be taken by a certain date, a written notice of compliance or non-compliance with each of the scheduled dates, post marked not later than 14 days following each elapsed date. Each notice of non-compliance shall include the following information:

- (1) A short description of the non-compliance.
- (2) A description of any action taken or proposed by the applicant to comply with the elapsed scheduled requirement without further delay.
- (3) An estimate of any factors which tend to explain or mitigate the non compliance and
- (4) An estimate, of the date, the applicant will comply with the elapsed. Scheduled requirement and assessment of the possibility that the applicant will meet the next scheduled requirement in time.

4 Compilation of monitoring Data -

- (a) Samples and measurements taken to meet the monitoring requirements specified above shall be representative of the volume and nature of monitored discharge.
- (b) Following promulgation of guidelines establishing test procedures for the analysis of pollutants, all sampling and analytical methods used to meet the monitoring requirements specified above shall conform to such guidelines unless otherwise specified sampling and analytical methods shall conform to the latest edition of the Indian Standard specifications and where it is not specified the guidelines as per standard methods for the examination of Water & Waste Waters Latest Edition of the American Public Health Association, New York U.S.A. shall be used.
- (c) The applicant shall take samples and measurement to meet the monthly requirements specified above at the location indicated below:

POINT OF SAMPLING

- (i) Outfalls of waste.
- (ii) 100 meters from point confluence, downstream river or lake.

5 Recording of Monitoring activities and Results -

- (a) The applicant shall make and maintain records of all information resulting from monitoring activities by this Consent.
- (b) The applicant shall record for each measurement of samples taken pursuant to the requirement of this Consent the following information:
 - (1) The date exact place and time of sampling.
 - (2) The dates of which analysis were performed.
 - (3) Who performed the analysis.
 - (4) The analytical techniques or methods used and
 - (5) The result of all required analysis.



(c) If the applicant monitors any Pollutant more frequently as is by this Consent he shall include the results of such monitoring in the calculation and reporting of values required in the discharge monitoring reports which may be prescribed by the Board. Such increased frequency shall be indicated on the discharge Monitoring Report Form.

(d) The applicant shall retain for a minimum of 3 years all records of monitoring activities including all records of Calibration & maintenance of instrumentation & original strips chart regarding continuous monitoring instrumentation. This period of retention shall be extended during the course of any unresolved litigation regarding the discharge of pollutants by the applicant or when requested by Central or State Board.

6. **Reporting of Monitoring Results :**

- (a) Monitoring information required by this Consent shall be summarised and reported by submitting a Discharge Monitoring Report from duly filled in and signed, to the Board's office at the following address :

Madhya Pradesh Pollution Control Board

Sector E-5, Arera Colony, Bhopal

- (b) Each submitted Discharge Monitoring Report shall be signed as follows:

- (i) If submitted by Corporation by a Principal Executive Officer of at least the level of Vice-President or his duly authorised representative, if such representative is responsible for the overall operation of the facility from which the discharge described in the Discharge Monitoring Report originates.
- (ii) If submitted by a partnership, by a general partner.
- (iii) If submitted by a sole proprietor, by the proprietor.
- (iv) If submitted by a Municipal, State or Central Government or other public enterprise; by a Principal Executive Officer, ranking elected official, commanding officer, or other duly authorised employee.

- (c) All information submitted on the discharge Monitoring form shall be based upon measurements and sampling carried out during the three previous calendar months. The first Discharge Monitoring Report shall be submitted for a period during 60 days from issuance. Thereafter reporting period shall end on the last date of each month. The applicant shall submit a discharge Monitoring report post marked no later than 28th day of the month following each completed reporting period.

7. **Limitation of Discharge of Oil & Hazardous Substances in harmful quantities :** The applicant shall not discharge oil in quantities defined as harmful in regulations. In addition the applicant shall not discharge hazardous substances into natural water course in quantities defined to preclude the institution of any legal action nor relieve the applicant from any responsibilities, liabilities or penalties to which the applicant is or may be subject to clauses.

8. **Limitation of visible Floating solids and foam :** During the period beginning 'date of issuance' and lasting until the date of expiration of this Consent the applicant shall not discharge floating solids or visible foam.

9. **Disposal of Collected solids :**

- (a) Intake Water Treatment : Solids sludges, dirt, silt or other pollutant separated from or resulting from treatment of intake or supply water prior to use by the applicant shall be disposed of in such a manner as to prevent any pollutant from such materials from entering any such water, any live fish, shell fish or other animals collected or trapped as a result of intake water screening or treatment may be returned to water body habitat.
- (b) Waste water treatments: solids, sludges, filter backwash or other pollutant removed from or resulting from treatment or control of waste waters shall be disposed off such a manner as to prevent any pollutant from such materials from entering natural water.

10. **Non-compliance with Effluent Limitations :** (a) If for any reason the applicant does not comply with or will be unable to comply with any daily maximum effluent limitations specified in this Consent the applicant shall immediately notify the Consent issuing authority or his designee on telephone no. 2463143 or 2466735 Bhopal and provide the Consent issuing authority following information in writing within 5 days of such notification :

- (a) Cause of non-compliance
- (b) A description of the non-complying discharge including its impact upon the receiving water.
- (c) Anticipate the time condition of non-compliance is expected to continue or if such condition

- (b) The applicant shall take all reasonable steps to minimise any adverse impact to natural waters resulting from non-compliance with any effluent limitation specified in this Consent including such accelerated or additional monitoring as necessary to determine the nature and impact of the non-complying discharge.
- (c) Nothing in this Consent shall be constructed to relieve the applicant from civil or criminal penalties for non-compliance, whether or not such non-compliance is due to factors beyond his control such as equipment break-down, electric power failure, accident or natural disaster.

11. **Limitation of Batch Discharges :**

SPECIAL CONDITIONS

12. **Provision for Electric Power Failure - The applicant shall either :**

- (a) no later thancertify in writing to the consent issuing authority that the applicant has installed or provided for an alternative electric power source sufficient to operate all facilities utilized by the applicant to maintain compliance with the terms and conditions of the Consent : or
- (b) no later than 30 days after the effective date of this Consent, Certify in writing to the consent issuing authority that upon the reduction, loss, or failure of one or more of the primary sources of electric power to any facilities utilised by the applicant to maintain compliance with the terms and conditions of this consent, the applicant shall have, reduce or otherwise Control production and/or all discharges in order to maintain compliance with the terms conditions of this Consent.

13. **Prohibition of By pass of Treatment Facilities :** The diversion or by-pass of any discharge from facilities utilised by the applicant to maintain compliance with the terms and conditions of this Consent is prohibited except :

- (i) where unavoidable to prevent loss of life, severe property damage or
- (ii) where excessive storm drainage or run of would damage any facilities necessary for compliance with the terms and conditions of this Consent. The applicant shall immediately notify the consent issuing authorities in writing of each such diversion or by-pass in accordance with the procedure specified above for reporting non-compliance.

14. **Spill prevention and Containment Plan :** Within 90 days of the effective date of the Consent the applicant shall prepare and submit to the consent issuing authority; a Spill Prevention; Containment and Countermeasure Plan for the facility covered by this Consent. Such Plan shall include the following information and procedures relating to the prevention of spill and unauthorised discharges of oil and hazardous substances :

- (a) a description of reporting system to be used to notify immediately persons responsible for management of the facility and appropriate State and Central authorities;
- (b) a description of equipment or facilities (including overall facility) for the prevention, containment of spills and unauthorised discharges,
- (c) a list of all oil and hazardous materials used processed or stored at the facility including the normal quantity maintained on the premises for each listed material;
- (d) a brief description of any spills or unauthorised discharge which occurred during the 36 months period preceding the effective date of this Consent and subsequent measures taken by the applicant to prevent or reduce the possibility of further spills or unauthorized



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SPECIAL CONDITIONS

1. The industry shall maintain and operate the effluent treatment facility for industrial and domestic waste water properly. The industry shall ensure that the treated effluent shall conform to the standards prescribed by the Board and notified in the M. P. Gazette dated: 25/03/88.
2. Industry shall install separate meter in accordance to Rule-3 of Water Cess Rules, 1978 for the measurement of water consumption in all the four categories as mentioned in the schedule-II of Water (Prevention & Control of Pollution) Cess Act, 1977.
3. The industry shall recycle the maximum quantity of treated effluent within their premises in the floor cleaning, toilet flushing etc. For this industry shall install recycling system as per your proposal submitted vide letter dt. 08/10/07. Industry shall not discharge the treated/untreated effluent outside the factory premises in any circumstances. The concept of "Zero Discharge" shall be practiced.
4. The industry shall install separate electric metering arrangement for running of pollution control devices. The record of electricity consumption for running of pollution control equipment shall be maintained and submitted to the Board every month. A separate log book shall be maintained.
5. A separate log book shall be maintained for chemicals utilized in the treatment and regular monitoring report of the treated effluent shall be submitted to the Board.
6. A separate Environmental Cell with technically qualified personnel shall be setup under the control of Senior Executive and shall set up a laboratory facility for collection and analysis of samples under the supervision of competent technical personnel.
7. The industry shall make proper arrangement for safe disposal of solid waste and sludge from process and effluent treatment plant.
8. The industry shall take adequate precautionary measures before and during operation, maintenance and cleaning of pollution control equipment to avoid accidental hazard.
9. The industry shall obtain membership of Emergency Response Centre from the Board.
10. The industry shall obtain authorization under Hazardous Waste [Management, Handling & Transboundary Movement] Rules, 2008 from the Board.
11. Industry shall submit environmental statement for the previous year ending 31st March on or before 30th September every year to the Board.



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Note: *The above capacity includes the existing capacity of the plant. The previous consent issued under Air (Prevention & Control of Pollution) Act, 1981 vide letter No. 8420 dated: 30/10/07 shall be treated as cancelled after commencement of production with expanded capacity.*

1. Industry shall maintain all air pollution control equipment at all points of emission and shall ensure that these are always kept running and in good working order all the time. In case of any failure it shall be immediately rectified or some alternate arrangements shall be made.
2. Minimum height of all the stacks/vent shall be as per CPCB norms.
3. Emission of air pollutants from various section, shall not exceed the following limits:-

Particulate Matter	-	150 mg/Nm ³	
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3. Ambient air quality at the boundary of the factory premises shall conform to the norms prescribed in MoEF gazette notification no GSR/826(E), dated: 16/11/09. Some of the parameters are as follows :

a.	Particulate Matter (less than 10 micron) (PM ₁₀ mg/m ³ 24 hrs. basis)	-	100	microgram/cubic meter
b.	Particulate Matter (less than 2.5 micron) (PM _{2.5} mg/m ³ 24 hrs. basis)	-	60	"-
c.	Sulphur Dioxide [SO ₂] (24 hrs. Basis)	-	80	"-
d.	Nitrogen Oxides [NOx] (24 hrs. Basis)	-	80	"-
e.	Carbon Monoxide [CO] (2 hrs. Basis)	-	2000	"-
5. Industry shall submit tri-monthly stack and ambient air quality monitoring reports to the Board regularly. Some of the guidelines in this regards are as below:-
 - [a] The monitoring of source emissions shall be done once in three month and report submitted to the Board.
 - [b] The sampling of ambient air quality shall be done on 8 hours basis.
 - [c] The monitoring of ambient air quality shall be done atleast at two stations.
6. Industry shall take all precautionary measures to prevent emission from various junction and transfer points.
7. Industry shall submit environmental statement for the previous year ending 31st March on or before 30th September every year to the Board.
8. The industry shall install acoustic enclosure/canopy in D. G. Sets to control the noise pollution. The noise level shall not exceed the limit 75 dB [A] during the day time and 70 dB [A] during the night time.



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9. Industry shall take adequate precautionary measures before and during operation, maintenance and cleaning of pollution control equipment to avoid accidental hazard.
10. The industry shall establish an Environment Management Cell to carry out function relating to environmental management.
11. The industry shall do extensive tree plantation in and around the factory premises for improvement of the environment in general.
12. Industry shall comply with all the relevant acts/rules, directions, guidelines, notifications issued by MoEF/CPCB/MPPCB from time to time as required and, if applicable.
13. The consent/renewal license fee deposited by the industry is liable for revision, if at any point of time it is found necessary.
14. Any change in product, production capacity, process, raw materials used etc. shall be intimated to the Board. For any change of the above prior permission of the Board shall be obtained.
15. Board reserves the right to amend/cancel any of the above conditions as and when deemed necessary.

This consent is valid for the stated period and has to be renewed year. Application with annual license fee in this regard shall reach the office 06 months before the expiry of this consent.

Please acknowledge the receipt of this letter.

(A. K. Jain)
Executive Engineer

For & on behalf of
M.P. Pollution Control Board

(R. K. JAIN)
Member Secretary

Date: 14-8-12

Endt No. 5965 /TS/MPPCB/2012

Copy to:-

1. Regional Officer, M. P. Pollution Control Board, Gwalior.
2. Monitoring Section, M. P. Pollution Control Board, Bhopal.
3. HSMD Section, M. P. Pollution Control Board, Bhopal
4. I.T. Section, M. P. Pollution Control Board, Bhopal

(A. K. Jain)
Executive Engineer

(R. K. JAIN)
Member Secretary