

ole

Date: 15/02/2018



PRIVILEGE  
INDUSTRIES LTD.

To,  
The Director  
Ministry of Environment, Forests & Climate Change,  
Regional Office, West Central Zone,  
New Secretarial Building, East wing, Civil Lane,  
Near Old VCA stadium,  
Nagpur - 440001.  
Maharashtra.

Subject : Submission of Half Yearly Post Monitoring Report for the period of July, 2017 to December, 2017 for our plant at B-1, Lonand MIDC Industrial Area, Tal : Khandala, Dist - Satara, Maharashtra.

Reference: Clearance letter no. J-1101/381/2007-IA II (I) dtd. 24.01.2011.

Dear Sir,

This is with reference to the above subject.

We are submitting herewith our half yearly monitoring report with followings :

- Data Sheet.
- Compliance Report.
- Post monitoring report.
- Copy of Environmental Clearance.
- Copy of Consent to Establish.
- Copies of the advertisement published in the newspaper (Marathi & English).

This is for your kind information.

Thanking you,

Yours truly,

M/s. PRIVILEGE INDUSTRIES LTD. (Distillery Division)

Authorized Signatory



- C.C TO -
1. M.S., MPCB, Mumbai.
  2. Environmental Department, Mantralaya, Mumbai.

परिचरणा, वन एवं जलवायु परिवर्तन मंत्रालय,  
Ministry of Environment, Forest & Climate Change  
क्षेत्रीय कार्यालय (पश्चिम मध्य क्षेत्र)  
Regional Office (Western Central Zone)  
नवीन सचिवालय भवन / New Secretariat Building  
महाराष्ट्र पूर्व खंड / Ground Floor, East Wing  
नवीन सचिवालय भवन / New Secretariat Building  
सिविल लाईन्स / Civil Lines  
नागपुर - 440001

19/3/18

HDIL Towers, 3rd Floor, A - Wing, Anant Kanekar Marg, Station Road, Bandra (E), Mumbai 400 051.

T +91 22 2647 3030 / 2647 6060 F +91 22 2647 1220 E info@privilegeindustries.com www.privilegeindustries.com

CIN : U15530MH1995PLC090556

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*Handwritten signature and date 19/3/18*  
MUMBAI  
19/3/18  
M.S., MPCB, Mumbai  
Environmental Department, Mantralaya, Mumbai

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2. ✓

M.S., MPCB, Mumbai.

Environmental Department, Mantralaya, Mumbai.

Mixadam  
15/03/2018

आवक लिपिक  
पर्यावरण विभाग  
मंत्रालय, मुंबई-३२.

Date: 15/02/2018



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Nagpur - 440001.

Maharashtra.

Subject: Present status of Project work for the period of July, 2017 to December, 2017.

Reference: Clearance letter no. J-1101/381/2007-IA II (I) dtd. 24.01.2011.

Dear Sir,

This is with reference to the above subject, our plant at B-1, Lonand MIDC Industrial Area, Tal :  
Khandala, Dist - Satara, Maharashtra,

The present project status at site is as follows : Industry is in operational condition.

Thanking you,

Yours truly,

M/s. PRIVILEGE INDUSTRIES LTD., (Distillery Division)

Authorized Signatory



**DATA  
SHEET**

# Monitoring the Implementation of Environmental Safeguards

Ministry of Environmental and Forests  
Regional Office, West Central Zone, Nagpur

## Monitoring Report

### PART I

### DATA SHEET

1.	Project type: river-valley / mining / Industry /thermal / nuclear / Other (specify)	Industrial project
2.	Name of the project	Privilege Industries Ltd.
3.	Clearance letter (s) / OM/ no and date:	J- 11011/ 381/ 2007- IA- II (I) Dated. 24 <sup>th</sup> January, 2011.
4.	Location	Plot No. B-1, MIDC Lonand, Tal - Khandala.
a.	District (s)	Satara.
b.	State (s)	Maharashtra
5.	Address for correspondence	Plot No. B-1, MIDC Lonand, Tal - Khandala, Dist - Satara, Pin code - 415521.
	Address of concerned project Chief Engineer (with pin code & telephone / telex / fax numbers)	
	Address of Executive Project Engineer /Manager (with pin code / fax number)	As above
6.	Salient features	Green Belt development done.
a.	Name of the project	Grain Based Distillery Plant (R.S. & ENA - 100 KLD) with Captive Power Plant (4.0 MW)
b.	of the environmental management plans	1. For Domestic Sewage Disposal Soak Pit & Septic Tanks are provided. 2. Effluent Treatment Plant of total Capacity (250 m <sup>3</sup> /day + 110 m <sup>3</sup> /day+240 m <sup>3</sup> /day) is provided

		<p>with UASBR, Aeration, Flocculation, Settler, UF &amp; RO treatment facility.</p> <p>3. Recycled water is used for Cooling Tower , Gardening , washing, fire fighting &amp; Process.</p> <p>4. Solid waste DWGS is properly segregated at the site and then it Sale as a Cattle feed.</p> <p>ESP &amp; Stack</p> <p>1. We have installed ESP system to control RSPM levels. Stack Height is 50 meter.</p> <p>DG sets-</p> <p>1. 3Nos Silent DG sets make-Cummins having model number – PTS/KF 14-01 having capacity 500 kVA with stack height of 4.5 meters as per CPCB guidelines.</p>
7.	Break Up Of the project Area	
a.	Submerge area : forest & :non-forest	<p>It is a Non- Forest Land.</p> <p>(The land is allotted by MIDC for development of industry)</p> <p>1. Total Plot Area - <u>19.94</u> Acres (80710)</p> <p>2. Total Built up Area - 10.42 Acres (42183.71 Sq. mt.)</p> <p>3. Gardening Area Provided - 6.6 Acres (26725 Sq. mt).</p>
b.	Others	---
8.	Breakup of the project affected: population with enumeration of those losing houses / dwelling units, only agriculture land only, both dwelling units and agriculture land and landless labourers / artisan	The land is allotted by MIDC for development of industry hence nobody will be affected after commencement of this project.
a.	SC, ST / Adivasis	N.A.
b.	Others	N.A.



9.	Financial details																																											
a.	Project cost as originally planned and subsequent revised estimates and the year of price reference	Rs. 191.927 Corers ( As per CA Certificate on date 21.07.2017)																																										
b.	Allocation made for environmental management plans with item wise and year wise break-up	<table border="1"> <thead> <tr> <th colspan="7">Capital &amp; Operating Expenditures for Environmental Management Plans</th> </tr> <tr> <th></th> <th>2011</th> <th>2012</th> <th>2014</th> <th>2015</th> <th>2016</th> <th>2017</th> </tr> </thead> <tbody> <tr> <td>Air Pollution Control</td> <td>6,908,586</td> <td>879,255</td> <td>2,198,138</td> <td>4,167,048</td> <td>5,272,834</td> <td>20448182</td> </tr> <tr> <td>Water Pollution Control</td> <td>5,296,807</td> <td>2,354,136</td> <td>5,885,341</td> <td>75,817,408</td> <td>8,790,296</td> <td>13061680</td> </tr> <tr> <td>Guarding</td> <td>-</td> <td>-</td> <td>-</td> <td>1,532,419</td> <td>636,285</td> <td>270883</td> </tr> <tr> <td><b>Total</b></td> <td><b>12,205,393</b></td> <td><b>3,233,391</b></td> <td><b>8,083,478</b></td> <td><b>81,516,874</b></td> <td><b>14,699,415</b></td> <td><b>15,377,481</b></td> </tr> </tbody> </table>	Capital & Operating Expenditures for Environmental Management Plans								2011	2012	2014	2015	2016	2017	Air Pollution Control	6,908,586	879,255	2,198,138	4,167,048	5,272,834	20448182	Water Pollution Control	5,296,807	2,354,136	5,885,341	75,817,408	8,790,296	13061680	Guarding	-	-	-	1,532,419	636,285	270883	<b>Total</b>	<b>12,205,393</b>	<b>3,233,391</b>	<b>8,083,478</b>	<b>81,516,874</b>	<b>14,699,415</b>	<b>15,377,481</b>
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c.	Benefit cost ratio/ Internal rate of return and the year of assessment	---																																										
d.	Whether ( c ) includes the cost of environmental management as shown in the above	---																																										
e.	Actual expenditure incurred on the project so far	Rs. 191.927 Crores																																										
f.	Actual expenditure incurred on the environmental management plans so far	Rs. 13.51,Crores																																										
10.	Forest land required	NA																																										
a.	The status of approval for diversion of forest land for non-forestry use	The land is of non-forest type hence not applicable.																																										
b.	The status of clearing and felling	No cutting of trees hence N.A. Gardening Area : 6.6 Acres (26725 Sq. mt) ▪ Trees on boundary wall.																																										

	<ul style="list-style-type: none"> <li>▪ Avenue Trees Near Approach Roads and Internal Roads.</li> <li>▪ Ornamental Trees in the Garden.</li> <li>▪ Bushes on Slopes of the Road.</li> <li>▪ Tree Selection more than five varieties, mostly local.</li> <li>▪ Large nos. of plants of different species are planted in the premises of the complex.</li> </ul>
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c.	The status of compensatory afforestation, if any	N.A.
d.	Comments on the viability & sustainability of compensatory afforestation program in the light of actual field experience so far	N.A.
11.	The status of clear felling in non-forest areas (such as submergence area of reservoir, approach roads) , if any with quantitative information	N.A.
12.	Status of construction	
a.	Date of commencement (Actual and/or planned)	01.02.2011
b.	Date of completion (Actual and/ of planned)	01.04.2011
13.	Reasons for the delay if the project is yet to start	Project is running
14.	Dates of site visits	
a.	The date on which the project was monitored by the regional office on previous occasions, if any	Before project start up RO visited to monitor project status which is being monitored regularly every year by RO and SRO office during renewal
b.	Date of site visit for this monitoring report	05.09.2017 , 11.12.2017
15.	Details of correspondence with project authorities for obtaining action plans/ information on status on compliance to safeguards other than the routine letters for logistic support for site visits	Envt. Clearance No. J- 11011/ 381/ 2007- IA- II (I) Dtd. 24 <sup>th</sup> January, 2011.
	(The first monitoring report may contain the details of all the letters issued so far, but the later	

**COMPLIANCE  
REPORT**

## COMPLIANCE REPORT

Ref: MOEF, New Delhi Environment Clearance F. No. J- 11011/ 381/ 2007- IA- II (I)

Dtd. 24<sup>th</sup> January, 2011.

Sr. No	Points	Compliance Status
<b>A.</b>	<b>SPECIFIC CONDITIONS</b>	
i.	Environment clearance accorded is for grain based distillery unit (100 KLPOD) only and no molasses based distillery unit shall be set up without prior permission from the Ministry.	<b>100 KLPD Grain Based Distillery Plant</b>
ii.	Efforts shall be made to reduce RSPM levels in the ambient air and time bound action plan shall be submitted. As proposed, SEP along with stack of adequate height should be provided to the boiler to control particulate emission within 100 mg/l. At no time the emission levels shall go beyond the prescribed standards in the event of failure of any pollution control system adopted by the unit the respective unit shall not be restarted until the control measures are rectified to achieve the described efficiency.	<b>We have installed ESP system to control RSPM levels. Stack Height is 50 meter.</b>
iii.	The national Ambient Air Quality emission standards issued by the Ministry vide G.S.R. No 826(E) dtd 16 <sup>th</sup> November, 2009 shall be followed.	<b>Noted and is being adhered to.</b>
iv	In-plant, control measures for checking fugitive emissions from all the vulnerable sources shall be provided. Fugitive emissions shall be controlled by providing closed storage, closed handling & conveyance of chemicals / materials, multi-cyclones separator and water sprinkling system. Dust suppression system including water sprinkling system shall be provided at loading and unloading areas to control dust emissions. Fugitive emissions in the work zone environment product raw materials storage area etc. shall be	<b>In order to control fugitive emissions the following measured have been taken:</b> <b>a. ESP system is installed to control RSPM levels.</b> <b>b. The Grain milling system is operated in an enclosed area.</b> <b>c. The Coal crushing area is enclosed.</b> <b>d. Frequent water sprinkling is done on coal stacks.</b> <b>e. For grain storage closed handling &amp; closed silo's provided. 2500 MT x2 nos, &amp;10000MT</b>

	regularly monitored and records shall be maintained. The emissions shall conform to the limits imposed by MPCB.	silo
v.	The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB guidelines acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution.	<ul style="list-style-type: none"> <li>• 3Nos Silent DG sets make-Cummins having model number-PTS/KF 14-01 having capacity 500 KVA, each with acoustic enclosure.</li> <li>• DG Set Stack height is 4.5 meter as per CPCB Guidelines.</li> </ul>
vi.	The company shall upload the status of compliance of the stipulated environmental clearance conditions, including results of monitored data on its website and shall update the same periodically. It shall simultaneously be sent to the Regional office of MOEF, the respective Zonal office of CPCB and the Maharashtra Pollution Control Board. The levels of PM, PM <sub>10</sub> , SO <sub>2</sub> , NO <sub>x</sub> and HC (Methane) in ambient air shall be monitored and displayed at a convenient location near the main gate of the company and at important public places.	<p>Compliance reports including results of monitored data are submitted to all concerned authorities regularly and updated on our website at -</p> <p><a href="http://privilegeindustries.com/reports.html">http://privilegeindustries.com/reports.html</a></p> <p>Installation of online monitoring Effluent &amp; Emission monitoring system is complete and the data is being uploaded to CPCB and MPCB website details of which are given below-</p> <p><b>CPCB Web Portal:</b> <a href="http://45.118.182.69:1000/">http://45.118.182.69:1000/</a></p> <p><b>MPCB Web Portal:</b> <a href="http://220.225.78.13/MPCB/graph.html">http://220.225.78.13/MPCB/graph.html</a></p>
vii.	Total freshwater requirement from MIDC supply water shall not exceed 1536 m <sup>3</sup> /day and prior permission shall be obtained from concerned authority / agency and a copy submitted to the Ministry's Regional Office at Bhopal within 3 months of issue of environment clearance. No ground water shall be used within the factory premises.	<ul style="list-style-type: none"> <li>• We are consuming fresh water from MIDC which is well within the limits mentioned in the EC.</li> <li>• (MIDC Water supply agreement copy attached)</li> <li>• No ground water is being used within the factory premises.</li> </ul>
viii.	Spent wash generation shall not exceed 250 m <sup>3</sup> /day. As proposed, spent wash shall be treated through UASB followed by RO & MEE to make DWGS to achieve Zero discharge. DWGS shall be incinerated in the boiler. Spent less and utility's wastewater shall be treated in ETP. Treated effluent shall be recycled and reused. Performance of ETP shall be monitored regularly and maintained. No effluent shall be discharged outside	<ul style="list-style-type: none"> <li>• Process condensate from Multiple effect evaporator is processed through UASB followed by Ultra filtration then RO. The recycled water is used for washing, Gardening, Fire fighting, Cooling tower &amp; process activities at the plant.</li> <li>• Spent lees &amp; utility waste water treated in ETP</li> <li>• DWGS which is generated as a by-product is sold as cattle feed to dairy farms.</li> <li>• ZLD adopted.</li> </ul>

	the premises and Zero discharge shall be adopted.	
ix.	Spent wash shall be stored in impervious lagoon with HDPE lining as per CPCB guidelines and shall be kept in proper condition to prevent ground water pollution. Storage capacity of spent wash lagoon shall be as per CPCB recommendations.	<b>Not Applicable.</b>
x.	Adequate numbers of ground water quality monitoring stations shall be set up to monitor PH, BOD, COD, chlorine, Sulphate and suspended solids by providing Piezometer around the project area. Sampling and trend analysis monitoring must be made on monthly basis and report shall be submitted to Ministry, Regional Office at Bhopal and MPCB.	<b>We have a fully equipped laboratory to monitor PH, BOD, COD, Chlorine sulphate levels in water. A monthly report is send to regional MPCB office.</b> <b>2 Nos. of PZEIOMETER stations installed Regularly sampling &amp; analysis monitored</b>
xi.	A copy of Memorandum of understanding (MoU) signed with the coal suppliers shall be submitted to the Ministry and its Regional Office at Bhopal within six months.	<b>Coal is being purchased from authorized coal vendors/supplier by issuing long term purchase orders.</b>
xii.	Fly ash and bottom ash shall be utilized as per Fly ash Notification 1999 and subsequent amendments issued time to time.	<b>Fly ash is being sold to brick manufacturers.</b>
xiii.	Fire fighting system shall be as per the OISD 117 norms and cover all areas where alcohol is produced handled and stored provision of foam system for firefighting shall be made to control fire from the alcohol storage tank.	<ul style="list-style-type: none"> <li>• <b>We have installed fire-fighting system in our plant.</b></li> <li>• <b>An auto fire hydrant system with adequate water storage tanks with jokey pumps supported by diesel engine.</b></li> <li>• <b>Hydrant monitors are installed near alcohol production as well as alcohol storage area.</b></li> <li>• <b>Fire extinguisher kept in all the process &amp; storage area.</b></li> <li>• <b>Foam system extinguisher was also kept near alcohol storage area as well as processing area.</b></li> <li>• <b>We have also installed automatic water sprinkler system.</b></li> </ul>

xiv.	Risk Assessment shall be carried to assess the fire and explosion risk due to storage of alcohol and report submitted to the Ministry and its Regional Office at Bhopal within six months.	<ul style="list-style-type: none"> <li>• Foaming System installed at alcohol storage area to arrest risk of explosion.</li> <li>• Water Condenser provided on each alcohol storage tank to arrest any vaporization,</li> <li>• Auto Sprinkler system provided</li> </ul>
xv.	Green belt shall be developed in 6.6 Acres (33%) out of the total 20.015 acres.	<ul style="list-style-type: none"> <li>• Green belt has been developed in 6.6 Acres with all local trees such as Gulmohar, Imli, Jamun, Eucalyptus, Mango, Chickoo, Bottle Palm, X mas, Sheesham, Almond, Neemwith green Lawn.</li> </ul>
xvi.	Provision shall be made for the housing for the construction labor within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile sewage treatment plant, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after the completion of the project. All the construction wastes shall be managed so that there is no impact on the surrounding environment.	No permanent housing facilities for workers were provided as the local work force shall were drawn from surrounding areas and the work was carried out only during daytime.
<b>B</b>	<b>GENERAL CONDITIONS</b>	
i.	The project authorities shall strictly adhere to the stipulations made by the Maharashtra Pollution Control Board.	Noted and is being adhered to.
ii.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and forests. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance , a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	No further expansion done.
iii.	The locations of ambient air quality monitoring stations shall be decided in consultation with the Maharashtra Pollution Control Board (MPCB) and it shall be ensured that at least one station	Yes complied. There are 3 monitoring stations installed to monitor air quality – one is installed at the main gate, the second one outside the coal yard and the third one

	is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.	at grain unloading /spirit storage area.
iv.	The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods. Silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz 75 dBA(day time) and 70dBA (night time).	<ul style="list-style-type: none"> <li>• Noted.</li> <li>• We are taking all precautions to keep the ambient noise levels within standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz 75 dBA( day time) and 70dBA (night time).</li> <li>• We carry out ambient noise monitoring time to time. Report are enclosed.</li> </ul>
v.	The company shall harvest rain water from the roof tops of the buildings and storm water drains to recharge the ground water and use the same water for the process activities of the project to conserve fresh water.	<p>Noted and complied.</p> <p>A storage tank of 240 m3 capacity has been installed to collect rain water which is used in process.</p>
vi	The company shall obtain authorization for collection, storage & disposal of hazardous waste under the Hazardous Wastes (Management Handling& Trans-boundary Movement) Rules, 2008 and its amendment time to time and prior permission from SPCB shall be obtained for disposal of solid / hazardous waste including boiler ash.	Obtained consent to operate from MPCB.
vii	During transfer of materials, spillages shall be avoided and garland drains be constructed to avoid mixing of accidental spillages with domestic wastewater and storm water drains.	<ul style="list-style-type: none"> <li>• For storm water collection –separate drainage system provided with concrete &amp; Tiles, PVC Piping wherever necessary.</li> <li>• For domestic waste water septic Tanks and soak pits are provided.</li> <li>• All the Effluent from processing area is collected in a pit &amp;transferred with pump by 2.5" SS Piping towards the ETP.</li> </ul>
viii	Usage of Personal Protection Equipments by all employees / workers shall be ensured.	<ul style="list-style-type: none"> <li>• We are using Personal Protection Equipments like Safety shoes, safety Goggles, Aprons, Safety belts, Helmets, Hand Gloves, etc.</li> </ul>



ix.	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.	<ul style="list-style-type: none"> <li>• Training is provided on regular basis to employees at the plant.</li> <li>• Pre-employment and annual medical checks of employees being conducted at plant.</li> <li>• Tailor made group mediclaim policies, group personal accident policies and ESIC benefits are also provided by the company.</li> </ul>
x.	The company shall also comply with all the environmental protection measures and safeguards proposed in the project submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management risk mitigation measures and public hearing relating to the project shall be implemented.	<ul style="list-style-type: none"> <li>• We have installed 3 nos. of ETP for treatment of Effluent (ZLD) with treatments like UASBR, Aeration, Clarifier, Ultra filtration, Reverse osmosis.</li> <li>• For ETP1&amp; RO Capacity - 250 m3/day.</li> <li>• For ETP 2 - 110 m3/Day</li> <li>• For ETP3 &amp;RO Capacity- 240 m3/day</li> <li>• Tree plantation is done on 33% of the open space.</li> <li>• We have installed ESP after Boiler to Minimize &amp; control on dust particles.</li> </ul>
xi.	The company shall undertake CSR activities and all relevant measures for improving the socio-economic conditions of the surrounding area.	<p>Noted and adhered to.</p> <p>Approximately Rs.9.85 Lakhs has been spent on CSR initiatives since 2016 on activities such as conducting regular medical checkup camps in Lonand area, supplying clean water to nearby villages during summer months etc.</p>
xii.	The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.	<p>Noted and adhered to.</p> <p>(Approximately 1500 trees were planted until Dec 2017 and we propose to plant 1000 trees in FY18-19.)</p>
xiii.	A separate Environmental Management Cell equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.	Condition is noted and fully fledged laboratory facility is provided to carry out the environment management.