



# BHAIRAVNATH SUGAR WORKS LTD.

S.No.68, AT POST-SONARI, TAL.-PARANDA. DIST-OSMANABAD-413502

**Register Office :-** S.No.21/2, Sawant Plaza Satara Road, Dhankawadi, Pune-43.

MAHARASHTRA STATE Ph.:- (020)24373743, (02477)234055, FAX:- (020)24378702

**Prof. Shivajirao Sawant**

CHAIRMAN

**Anil Sawant**

VICE CHAIRMAN

**Ref.: BSWL/DIST/ MOEF/ 103 / 2020-21**

**Date: 19.09.2020**

**To,**

**The Deputy Director General of Forest (Central)**

**Regional Office (WCZ)**

**Ground Floor, East Wing**

**New Secretariat Building**

**Civil Lines, Nagpur- 440001**

**Subject :** Clarification towards the Letter bearing No. F. No. EC-1139/RON/2020-NGP/7040, dated 20<sup>th</sup> August 2020. The same is regarding non submission of Six monthly Compliance reports w.r.t. 30 KLPD Molasses based Distillery by **M/s. Bhairavnath Sugar Works Ltd. (BSWL)**, located At Village Sonari, Tal.: Paranda, Dist.: Osmanabad, Maharashtra.

**Reference :** Your letter bearing No.F. No. EC-1139/RON/2020-NGP/7040, dated 20<sup>th</sup> August 2020. **Copy of the same is enclosed at Enclosure-I.**

Dear Sir,

This has reference to above mentioned letter regarding non-submission of six monthly compliance reports for Environmental Clearance (EC) granted to 30 KLPD Molasses based Distillery vide letter no F. No. J-11011/705/2008-IA II (I) dated- 05.10.2010 to M/s. Bhairavnath Sugar Works Ltd. (BSWL), located At Sonari, Tal.:Paranda, Dist.: Osmanabad, Maharashtra.

Sir, we would like to inform you that , subsequent to grant of EC, an Application for Extension of Validity of Environmental Clearance was submitted to Ministry of Environment Forest and Climate Change (MoEFCC); New Delhi on 30.10.2015. The application for extension of EC was proposed, because of unavailability of funds and the construction of project was not completed. Thereafter, the Extended EC was granted to BSWL on 05.02.2016. Further, First Consent to Operate (CTO) was granted by Maharashtra Pollution Control Board (MPCB) on 29.06.2016.

Sir, here we would like to inform you that we have regularly submitted six monthly compliance report after grant of extended EC i.e since 2016 to RO, MoEFCC, Bhopal by Speed Post. After the acknowledgment of your notice we are now aware of your new address. Henceforth industry shall regularly submit Six Monthly Compliance report by email. Moreover, as directed in your letter mentioned under reference we are hereby submitting Six monthly report for period October 2019 – March 2020. Same is Enclosed at **Enclosure – II**.

We hope the details furnished by us are in accordance with your requirements.

Thanking you,

Yours faithfully,

**For Bhairavnath Sugar Works Ltd.,**

  
(R.P. Deshmukh)

GENERAL MANAGER

**Enclosure – I**  
**(RO, MoEFCC Nagpur Letter)**



भारत सरकार  
GOVERNMENT OF INDIA  
पर्यावरण, वन एवं जल वायु परिवर्तन मंत्रालय  
MINISTRY OF ENVIRONMENT, FOREST &  
CLIMATE CHANGE

Regional Office (WCZ)  
Ground Floor, East Wing  
New Secretariat Building  
Civil Lines, Nagpur - 440001  
E-mail: apccfcentral-ngp-mef@gov.in

F. No. EC-1139/RON/2020-NGP / 7040

Dated: 20 Aug, 2020

To,

The General Manager  
M/s Bhairavnath Sugar Works Ltd.  
Sonari, Taluka Paranda,  
District Osmanabad, Maharashtra.

Sub: Molasses Based Distillery Unit (30 KLPD) located at Village Sonari, Taluka Paranda,  
District Osmanabad, Maharashtra.

Ref: MoEF letter F.No. J-11011/705/2008-IA.II(I) dated: 5-Oct-10

Sir,

The undersigned is directed to invite your kind attention to the subject matter. The scrutiny of records indicates that you have violated Section 10 of EIA notification 2006 by non submission of six monthly compliance reports.

It is directed to submit explanation for non-submission of six monthly compliance reports within 15 days of receipt of this letter. Also the latest six monthly compliance report for the period from October 2019 to March 2020 shall be sent to [ecompliance-mh@gov.in](mailto:ecompliance-mh@gov.in) along with the above explanation letter.

*A. Suresh Kumar*  
19/08/2020  
(Suresh Kumar Adapa)  
Scientist- D



**Enclosure – II**  
**(Six Monthly Compliance Repot)**

# **EC Letter**

F. No. J-11011/705/2008- IA II (I)  
Government of India  
Ministry of Environment and Forests  
(I.A. Division)

Paryavaran Bhawan  
CGO Complex, Lodhi Road  
New Delhi - 110 003

E-mail : [pb.rastogi@nic.in](mailto:pb.rastogi@nic.in)  
Telefax : 011: 2436 7668  
Dated 5<sup>th</sup> October, 2010

To,  
The General Manager  
M/s Bhairavnath Sugar Works Ltd  
Sonari, Taluka Paranda,  
District Osmanabad, Maharashtra

E-mail : [tgm2003@yahoo.co.in](mailto:tgm2003@yahoo.co.in); [danish\\_1017@yahoo.co.in](mailto:danish_1017@yahoo.co.in) ; Fax : 020-24378702;

Subject: Molasses Based Distillery Unit (30 KLPD) located at Village Sonari, Taluka Paranda, District Osmanabad, Maharashtra by M/s. Bhairavnath Sugar Works Limited. - Environmental Clearance reg.

Ref. : Your letter no. nil dated 28<sup>th</sup> April, 2010.

Sir,

Kindly refer your letter no. nil dated 28<sup>th</sup> April, 2010 alongwith project documents including Form I, Terms of References, Pre-feasibility Report, EIA/EMP Report and subsequent clarification/additional information submitted vide letter dated 2<sup>nd</sup> August, 2010 regarding above mentioned project

2.0 The Ministry of Environment and Forests has examined the application. It is noted that proposal is for setting up of molasses based distillery (30 KLPD) to manufacture Rectified Spirit, Ethanol and Extra Neutral Alcohol based on continuous fermentation technology at Village Sonari, Taluka Paranda, District Osmanabad, Maharashtra. The total land area available is 130 acres and the distillery plant is proposed to be set up within the 2500 TCD sugar factory premises in an area of 25 acres. No forest land and R&R is involved. The unit will run for 270 days. Total cost of the project is Rs 22.00 Crores

3.0 Multi-cyclone followed by bag filter alongwith adequate stack height will be provided to boiler to control particulate emissions. The total water requirement (500 m<sup>3</sup>/day) will be met from the Kologan dam and existing bore well within sugar factory premises. Spent wash generation will be @ 8kl/kl of alcohol produced and treated in bio-methanation plant followed by bio-composting with press mud to achieve zero discharge. The power requirement (0.8 MW) will be met from the Co-generation power plant (15 MW). Yeast sludge will be used as manure and fly ash as per Fly Ash Notification, 1999 and subsequent amendments time to time.

4.0 Public Hearing / Public Consultation meeting held on 28<sup>th</sup> August, 2009.

5.0 All molasses based distilleries are listed at S.N. 5(g) (i) under category 'A' and appraised at Central level.

15 Years  
5 Years

T. S. S. S. S.  
6/10/10

S/c limited to 14-6-10-25/110  
5/10/10



6.0 The proposal was considered by the Expert Appraisal Committee (Industry-2) in its 10<sup>th</sup> meeting held during 29<sup>th</sup>-30<sup>th</sup> April, 2010 and 13<sup>th</sup> EAC (I-2) meeting held during 19<sup>th</sup>-20<sup>th</sup> August, 2010. The Committee recommended the proposal for environmental clearance.

7.0 Based on the information submitted by the project proponent, the Ministry of Environment and Forests hereby accords environmental clearance to above project under the provisions of EIA Notification dated 14<sup>th</sup> September 2006, subject to the compliance of the following Specific and General Conditions:

**A. SPECIFIC CONDITIONS:**

- i) Environment clearance is accorded only for molasses based distillery unit (30 KLPD). As proposed, biomethanation followed by biocomposting method shall be adopted. No grain based distillery unit shall be set up without prior permission from the Ministry.
- ii) Efforts shall be made to reduce RSPM levels in the ambient air and a time bound action plan shall be submitted. Multi-cyclone followed by bag filters shall be provided to the boiler to control particulate emissions within 100 mg/Nm<sup>3</sup>. 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 desired efficiency.
- iii) The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16<sup>th</sup> November, 2009 shall be followed.
- 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 cyclone 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 regularly monitored and records shall be maintained. The emissions shall conform to the limits imposed by MPCB.
- 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.
- 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<sub>10</sub>, PM<sub>2.5</sub>, SO<sub>2</sub> and HC (Methane and Non-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.
- vii) Total fish water requirement from Kolegaon dam and bore wells shall not exceed 500 m<sup>3</sup>/day and prior permission shall be obtained from the concerned Competent Authority/State Ground Water Board and a copy



submitted to the Ministry's Regional Office at Bhopal within 3 months of issue of environmental clearance letter

- viii) As proposed, spent wash generation shall not exceed 8 kl/kl of alcohol produced and treated in bio-methanation plant followed by bio-composting with press mud to achieve 'Zero' discharge. No effluent shall be discharged outside the premises and 'Zero' discharge shall be maintained
- ix) The spent wash shall be stored in impervious pucca lagoons. The spent wash lagoons shall have proper lining with HDPE and shall be kept in proper condition to prevent ground water pollution. As per the CPCB recommendation, storage shall not exceed 5 days capacity
- x) Adequate numbers of ground water quality monitoring stations shall be set up by providing piezometers around the project area. Sampling and trend analysis monitoring must be made on monthly basis and report submitted to MPCB and this Ministry.
- xi) Company shall adopt rainwater harvesting measures to recharge the ground water.
- xii) 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 fire fighting shall be made to control fire from the alcohol storage tank.
- xiii) 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.
- xiv) As proposed, green belt shall be developed in 40 acres out of total 130 acres to mitigate the effects of fugitive emissions all around the plant as per CPCB guidelines in consultation with the local DFO.
- xv) Occupational health surveillance programme shall be undertaken as regular exercise for all employees. The first aid facilities in the occupational health centre shall be strengthened and the medical records of each employee should be maintained separately.
- xvi) All the commitments made during the Public Hearing / Public Consultation meeting held on 28<sup>th</sup> August, 2009 shall be satisfactorily implemented and adequate budget provision shall be made accordingly.
- xvii) Provision shall be made for the housing for the construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile sewerage treatment plant, safe drinking water, medical health care, 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 such that there is no impact on the surrounding environment.



## B. GENERAL CONDITIONS:

- i. The project authorities shall strictly adhere to the stipulations made by the Maharashtra Pollution Control Board.
- 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.
- 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 is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.
- iv. The overall noise levels in and around the project area shall be kept in line with the standards by providing noise control measures including acoustic enclosures, barriers, 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 70 dBA (night time).
- v. The Company shall obtain Authorization for collection, storage and disposal of hazardous waste under the Hazardous Waste (Management, Handling and Trans-boundary Movement) Rules, 2008 and its amendment time to time and prior permission from Maharashtra Pollution Control Board shall be obtained for disposal of solid / hazardous waste including boiler ash.
- vi. During transfer of materials, spillages shall be avoided and earthen drains be constructed to avoid mixing of accidental spillages with domestic wastewater and storm water drains.
- vii. Usage of Personnel Protection Equipments (PPEs) by all employees/workers shall be ensured.
- viii. 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.
- ix. The company shall also comply with all the environmental protection measures and safeguards proposed in the project report 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.
- x. The company shall undertake CSR activities and all relevant measures for improving the socio-economic conditions of the surrounding area.



- xi. The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.
- xii. A separate Environmental Management Cell equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.
- xiii. As proposed, the company shall earmark Rs. 2.43 crores and Rs. 29.95 lakhs towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.
- xiv. A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from who suggestions/ representations if any, were received while processing the proposal.
- xv. The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the Maharashtra Pollution Control Board. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.
- xvi. The environmental statement for each financial year ending 31<sup>st</sup> March in Form-V as is mandated shall be submitted to the Maharashtra Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Offices of MoEF at Bhopal by e-mail.
- xvii. The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the MPCB/Committee and may also be seen at Website of the Ministry at <http://envfor.nic.in>. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which the project shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.
- xviii. The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.

8.0 The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.



9.0 The Ministry reserves the right to stipulate additional conditions, if found necessary. The company in a time bound manner will implement these conditions.

10.0 Any appeal against this environmental clearance shall lie with the National Appellate Authority, if preferred, within a period of 30 days as prescribed under section 11 of the National Environment Appellate Authority Act, 1997.

11.0 The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Water Pollution) Act, 1981, the Environment (Protection) Act, 1986 Hazardous Wastes (Management and Handling) Rules, 2003/ 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules

(Dr. P. B. Rastogi)  
Scientist 'F'

Copy to

- 1 The Principal Secretary, Environment Department, Government of Maharashtra, 15th Floor, New Administrative Building, Mantralaya, Mumbai - 400 032
- 2 The Chief Conservator of Forests (Central), Regional Office (Northern Zone), Bay No 24-25, Sector 31-A, Dakshim Marg, Chandigarh-160030
- 3 The Chairman, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi - 110 032
- 4 The Chairman, Maharashtra Pollution Control Board, Kalpataru Point, 3<sup>rd</sup> and 4<sup>th</sup> floor, Opp. Cine Planet, Sion Circle, Mumbai-400 022
- 5 Scientist 'G', IA II(1) Ministry of Environment and Forests Paryavaran Bhavan, CGO Complex, New Delhi
- 6 Monitoring Cell, Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi
- 7 Guard File/Monitoring File/Record File.

(Dr. P. B. Rastogi)  
Scientist 'F'

# **Point Wise Compliance**

1. Name of Project : **M/s. Bhairavnath Sugars Works Ltd., (BSWL)**
2. Type of Project : Molasses based distillery 30 KLPD
3. Clearance Letter No. & date J-1101/705/2008-IA II(I) dated 5<sup>th</sup> October 2010
4. Location: District & State/UT : Dist.: Osmanabad. State: Maharashtra.
5. Address for Correspondence : A/p. Sonari, Tal.: Paranda Dist.: Osmanabad, Maharashtra

**M/s. Bhairavnath Sugars Works Ltd. (BSWL)**, is the project complex comprising of 3,500 TCD sugar factory, 14.5 MW co-gen plant. Project site is located at A/p: Sonari, Tal.: Paranda, Dist.: Osmanabad, Maharashtra State. Before establishment of BSWL project, the entire land was barren & same was acquired from villagers. Unit was registered in the year 2000 as BSWL. Under Companies Act 1956 by Registrar of Companies, Pune. First Crushing season of sugar factory was taken in Year 2008-2009. Environmental Clearance (EC) granted to 30 KLPD Molasses Based Distillery from Ministry of Environment and Forests (MoEF), New Delhi was on 5<sup>th</sup> October 2010. Refer EC copy. Now, BSWL has planned to go for an Expansion of molasses based distillery from 30 KLPD of 59 KLPD Molasses based distillery.

**Six monthly (Period October 2019 to March 2020) Compliance report for M/s. Bhairavnath Sugars Works Ltd. (BSWL) of 30 KLPD Molasses Based Distillery.**

Compliance of Specific and General Conditions mentioned in Environmental Clearance (EC) letter J-1101/705/2008-IA II (I) dated 5<sup>th</sup> October 2010 for period from October-2019 to March-2020 is presented as follows-

No.	Environmental Clearance Conditions	Compliance towards the Conditions Stipulated
	<b>SPECIFIC CONDITIONS</b>	
1.	<b>Condition No.1</b> Environment Clearance is accorded only for molasses based distillery unit (30 KLPD). As proposed, bio-methanation followed by bio-composting method shall be adopted. No grain based distillery unit shall be set up without prior permission from the ministry.	Molasses is a byproduct of sugar factory. 30 KLPD distillery is erected in the premises of existing 3500 TCD sugar factory and 14.5 MW co-generation plant, at A/p. Sonari, Tal.: Paranda Dist.: Osmanabad, Maharashtra. Hence, only molasses is used as raw material for distillery. No any grains shall be used as raw material in distillery plant. Spentwash generated from distillery is treated in Bio-methanation followed by Conc. in MEE and then send for Composting.
2.	<b>Condition No.2</b> Efforts shall be made to reduce RSPM levels in the ambient air and a time bound action plan shall be submitted. Multi-cyclone followed by bag filters shall be provided to the boiler to control particulate emission within 100 mg/Nm <sup>3</sup> . 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	Steam required for 30 KLPD molasses based distillery is taken from dedicated boiler of 10 TPH capacity installed in distillery as well as from the existing boilers in co-generation plant. For distillery boiler, bagasse as well as biogas generated from bio-methanation plant installed for spentwash digestion is used as fuel. Boiler is provided with wet scrubber as Air Pollution Control (APC) equipment followed by stack of 42 M height. Refer <b>Annexure - I</b> for Monitoring reports. In the event of failure of



No.	Environmental Clearance Conditions	Compliance towards the Conditions Stipulated
	shall not be restarted until the control measures are rectified to achieve the desired efficiency.	any pollution control system no unit will be restarted until the control measures are rectified to achieve the desired efficiency.
3.	<b>Condition No.3</b> The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No.826 (E) dated 16 <sup>th</sup> November 2009 shall be followed.	National Ambient Air Quality Emissions standards are being followed.
4.	<b>Condition No.4</b> In plant control measures for checking fugitive emission from all the vulnerable sources shall be provided. Fugitive emissions shall be controlled by providing closed storage, closed handling & conveyance of chemicals/ materials multi cyclone 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 emission in the work zone environment product raw materials storage area etc. shall be regularly monitored and records shall be maintained. The emissions shall conform to the limit imposed by MPCB.	To control the fugitive emissions from all vulnerable sources necessary compliance is done on site. There under, water sprinkling arrangements have been done to curb the dust emissions during movement of vehicles. Also, monitoring of fugitive emissions in work zone area will be done and records of same will be maintained on site.
5.	<b>Condition No.5</b> The gaseous emission from DG set shall be dispersed through adequate stack height as per CPCB guides. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution.	At Present DG set of 1200 KVA is installed on site with stack of height 6 M ARL. Same is operated only during power failure situation. DG set is provided with Acoustic enclosure to mitigate the noise pollution.
6.	<b>Condition No.6</b> The company shall upload the status of compliance of the stipulated environmental clearance conditions including results of monitoring 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 Boards. The levels of PM <sub>10</sub> , PM <sub>2.5</sub> , SO <sub>2</sub> NO <sub>x</sub> and HO (Methane and Non-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.	The level of pollutants in ambient air has been monitored and displayed at a main gate of the company. Refer <b>Annexure –II</b> for the photographs of the same.
7.	<b>Condition No.7</b> Total fresh water requirement from	Total water requirement of BSWL distillery project

No.	Environmental Clearance Conditions	Compliance towards the Conditions Stipulated
	kolegaon dam and bore wells shall not exceed 500 m <sup>3</sup> /day and prior permission shall be obtained from the concerned Competent Authority/State ground water board and a copy submitted to the Ministry's Regional Office at Bhopal within 3 months of issues of environmental clearance letter.	td 440 M <sup>3</sup> /D. out of this 240 M <sup>3</sup> /D (52%). BSWL taking fresh water from Sina-Kolegaon dam, No any ground water is being used for the same. Refer <b>Annexures-III</b> for the water lifting permission.
8.	<b>Condition No.8</b> As proposed spent wash generation shall not exceed 8kl/kl of alcohol produced and treated in bio-methanation plant followed by bio-composting with press mud to achieve 'Zero' discharge. No effluent shall be discharged outside the premises and 'Zero' discharge shall be maintained.	Raw spentwash to the tune of 240 M <sup>3</sup> /D (8 KL/ KL) is generation from distillery. Same is bio-methanated and then concentrated in MEE. Conc. Spent wash to the tune of 96 M <sup>3</sup> /D is used for bio-composting along with pressmud as filler material. Other effluent viz, MEE condensate, spentlees and other effluent is treated in existing Condensate Polishing Unit (CPU) and recycled back in process. This achieves Zero Liquid Discharge (ZLD) of process effluent.
9.	<b>Condition No.9</b> The spent wash shall be stored in impervious pucca lagoons. The spent wash lagoons shall have proper lining with HDPE and shall be kept in proper condition to prevent ground water pollution. As per the CPCB recommendation, storage shall not exceed 5days capacity.	Spentwash lagoon has been designed as per CPCB's technical guidelines. HPDE liners of 500 mm & 1000 mm followed by 150 mm cement concrete lining have been done for the tanks. Refer <b>Annexure-IV</b> for Photographs of the same.
10.	<b>Condition No.10</b> Adequate numbers of ground water quality monitoring stations shall be set up by providing piezometers around the project area. Sampling and trend analysis monitoring must be made on monthly a basis and report submitted to MPCB and this Ministry.	Compliance towards above condition shall be strictly followed by our industry.
11.	<b>Condition No.11</b> Company shall adopt rainwater harvesting measures to recharge the ground water.	Rainwater Harvesting measures will be implemented.
12.	<b>Condition No.12</b> 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 fire fighting to control fire from the alcohol storage tank.	Fire hydrant system is installed on site covering the whole plant. Refer <b>Annexure-V</b> for Fire Fighting Layout and Photographs of same.
13.	<b>Condition No.13</b> Risk Assessment shall be carried to assess the fire and explosion risk due to storage of alcohol and report submitted to the	This condition will be followed by industry.

No.	Environmental Clearance Conditions	Compliance towards the Conditions Stipulated
	Ministry and its Regional Office at Bhopal within six months.	
14.	<b>Condition No.14</b> As proposed green belt shall be developed in 40 acres out of total 130 acres to mitigate the effects of fugitive emissions all around the plant as per CPCB guidelines in consultation with the local DFO	An area of 2.07 Ha is developed by BSWL as green belt. This accounts for 10% of total plot area. Photographs of Greenbelt are attached at <b>Annexure –VI</b> . Under distillery expansion BSWL will augment its green belt.
15.	<b>Condition No.15</b> Occupational health surveillance program shall be undertaken as regular exercise for all the employees. The first aid facilities in the occupational health center shall be strengthened and the medical records of each employee shall be maintained separately.	Occupational health surveillance is being carried out for all workers in distillery, sugar and co-gen plant. A record of health check is also maintained on site. Refer <b>Annexure- VII</b> for Health Checkup report.
16.	<b>Condition No.16</b> All the commitments made during the Public Hearing/Public Consultation meeting held on 28 th August 2009 shall be satisfactorily implement and adequate budget provision shall be made accordingly.	Compliance of same is already done.
17.	<b>Condition No.17</b> Provision shall be made for the construction labour 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, etc. The housing be in the form of temporary structure to be remove after the completion of the project. All the construction wastes shall be managed there is no impact on the surrounding environment.	Condition was followed duly.
	<b>GENERAL CONDITIONS</b>	
18.	<b>Condition No. 1</b> The project authorities shall strictly adhere to the stipulations made by the Maharashtra Pollution Control Board.	Industry will strictly follow the stipulations made by the Maharashtra Pollution Control Board (MPCB), State Government and any other statutory authority.
19.	<b>Condition No. 2</b> 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 alteration in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made	No expansion or modifications in the plant will be carried out without prior approval of the Ministry of Environment and Forests

No.	Environmental Clearance Conditions	Compliance towards the Conditions Stipulated
	to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measured required, if any.	
20.	<b>Condition No.3</b> The locations of ambient air quality monitoring stations shall be decided in consultation with Maharashtra Pollution Control Board (MPCB) and it shall be ensured that at least one station is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.	The locations of ambient air quality monitoring stations are decided in consultation with MPCB. BSWL carries regular monitoring. Refer <b>Annexure-I</b> for Routine Monitoring report.
21.	<b>Condition No. 4</b> The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. On all sources of noise generation. The ambient noise level shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	The overall noise levels in and around the plant area are maintained within the standards prescribed under Environment (Protection) Act, 1986, 1989 Rules.
22.	<b>Condition No. 5</b> The Company shall obtain Authorization for collection, storage and disposal of hazardous waste under the Hazardous Waste (Management, Handling and Trans-boundary Movement) Rules, 2008 and its amendment time to time and prior permission from Maharashtra Pollution Control Board shall be obtained for disposal of solid/hazardous waste including boiler ash.	Condition is being followed.
23.	<b>Condition No. 6</b> During transfer of materials, spillages shall be avoided and gulland drains be constructed to avoid mixing of accidental spillages with domestic wastewater and storm water drains.	Care is taken while handling and transfer of material to avoid spillages. All steps will be taken to avoid mixing accidental spillages with domestic wastewater and storm water drains.
24.	<b>Condition No.7</b> Usage of Personal Protection Equipments by all employees/ workers shall be ensured.	Personnel Protection Equipments (PPE) is provided to all workers and every worker is trained for using the same.
25.	<b>Condition No. 8</b> Training shall be imparted to all employees on safety and health aspects of chemicals	Training and mock drills are conducted for employees on safety and health aspects of chemical

No.	Environmental Clearance Conditions	Compliance towards the Conditions Stipulated									
	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.	handling. Periodical medical examinations for all employees are undertaken on regular basis. Onsite records are also maintained. Records of the same are maintained on site.									
26.	<b>Condition No. 9</b> The company shall also comply with all the environmental protection measures and safeguards proposed in the project report 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.	The Company will comply with all the environmental protection measures and safeguards and implement all the recommendations made in EIA/EMP.									
27.	<b>Condition No. 10</b> The company shall undertake CSR activities and all relevant measures for improving the socio-economic conditions of the surrounding area.	The CSR activities done by BSWL includes 1) Samuhik Vivah: Expenditure for 3 years is given below a) 2019 - Rs. 32,35,293.00 b) 2018 - Rs. 29,47,592.00 c) 2017 - Rs. 27,68,580.00									
28.	<b>Condition No. 11</b> The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.	Al so M/s. Bhairavnath Sugar Works Has carried SHIVJAL KRANTI on the name of JAYWANT PRATITHAN. This works was carried on in 2018 -19 WORK INCLUDE 1) Nala Building Work 2) Water conservation for Nala, 3) Excavation, Winding of Nala. 4) Bandare work. We have carried out above works under SHIVJAL KRANTI and this total expenditure incurred in 2018-19 is Rs. 1,33,33,503.00 Refer <b>Annexure-VIII</b> for the photographs of the same.									
29.	<b>Condition No. 12</b> A separate environmental management cell equipped with full fledged laboratory facilities must be set up to carry out the environmental management and monitoring functions.	The company has set up an environmental management cell (EMC) for carrying out the environmental management and monitoring functions functioning. Members of the EMC are well qualified and experienced in their concerned fields. <table border="1"> <thead> <tr> <th>No.</th><th>Designation</th><th>Name of Person(s)</th></tr> </thead> <tbody> <tr> <td>1</td><td>Managing Director</td><td>Mr. Dhananjay Savant</td></tr> <tr> <td>2</td><td>General Manager</td><td>M. R. Deshmukh</td></tr> </tbody> </table>	No.	Designation	Name of Person(s)	1	Managing Director	Mr. Dhananjay Savant	2	General Manager	M. R. Deshmukh
No.	Designation	Name of Person(s)									
1	Managing Director	Mr. Dhananjay Savant									
2	General Manager	M. R. Deshmukh									



No.	Environmental Clearance Conditions	Compliance towards the Conditions Stipulated		
		3	Distillery Manager	Mr. Ajit Bhosale
		4	Environmental Officer	Mr. Sukhdeo Yelapure
30.	<b>Condition No. 13</b> As proposed, the company shall earmark Rs. 2.43 crores and Rs. 29.95 lakhs towards capital cost and recurring cost per annum to implement the conditions stipulated by Ministry of Environment and Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.	Company has earmarked Rs. 21.75 Cr. As capital cost and Rs. 2.7 Cr towards O & M Cost for EMP.		
31.	<b>Condition No.14</b> A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from who suggestions/representation, if any, were received while processing the proposal.	Compliance is followed by industry.		
32.	<b>Condition No.15</b> The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional office of MoEF, the respective Zonal Office of CPCB and the Maharashtra Pollution Control Board. A copy of Environmental Clearance and six monthly compliance status reports shall be posted on the website of the company.	The submission of six monthly compliance report subsequent to issue of Environmental Clearance (EC) on 5 October 2010 was not done routinely. This happened inadvertently and it is committed that from now onwards the six monthly compliance report shall be regularly submitted to RO; MoEFCC, Nagpur.		
33.	<b>Condition No.16</b> The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the Maharashtra Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of MoEF at Bhopal by e-mail.	The environmental statement for each financial year ending 31 <sup>st</sup> March in Form-V is routinely submitted to State Pollution Control Board as prescribed under the Environment (Protection) Rules 1986, and amended subsequently. Refer <b>Annexure-IX</b> for the same.		
34.	<b>Condition No.17</b>			

No.	Environmental Clearance Conditions	Compliance towards the Conditions Stipulated
	<p>The Project Proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the MPCB/ Committee and may also be seen at website of the Ministry at <a href="http://envfor.nic.in">http://envfor.nic.in</a>. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspaper that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional office of the Ministry.</p>	<p>An advertisement of accord of EC to our 30 KLPD molasses based Distillery unit has been published in local newspapers. Refer <b>Annexure –X</b> for copy of the same.</p>
35.	<p><b>Condition No.18</b> The Project Authorities shall inform the Regional Office as well as the Ministry the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.</p>	<p>The date of financial closure in connection with the Industrial Project is 31<sup>st</sup> March.</p>

# **Annexure- I**

## **(Routine Monitoring Report)**



GESEC

### TEST CERTIFICATE

Report No: GESEC/PRO/2019-20/01/507	Date of Report	18/01/2020
Client Name and Address: BHAIKAVNATH SUGAR WORKS LTD. Sonari(Distillery Division) Tq-Paranda,Dist-Osmanabad.	Date of Sampling	10/01/2020
	Start Date of Analysis	11/01/2020
	End Date of Analysis	18/01/2020
	Sample Location	Boiler Stack
	Sample Details	Stack
	Time of Sampling	12:30
Sample Collected By	GESEC	

### Source Emission Analysis Report

Sr. No.	Parameter	Result	Unit(s)	Limits As Per MPCB Consent
1.	Material of Stack	SS	--	
2.	Stack Height	40.0	Mtr.	
3.	Type of Stack	Round	--	
4.	Sampling Duration	35	Min.	
5.	Flue Gas Temperature	402	°K	
6.	Differential Pressure	3.1	mmWG	
7.	Velocity	6.7	M/s	
8.	Dimensions of Stack	1.5	Mtr.	
9.	Stack Area	1.76	M <sup>2</sup>	
10.	Gas Volume	31598.30	NM <sup>3</sup> /Hr	
11.	Particulate Matter	42.6	mg/NM <sup>3</sup>	≤ 150
12.	Sulphur Dioxide (SO <sub>2</sub> )	16.9	mg/NM <sup>3</sup>	--
13.	Sulphur Dioxide (SO <sub>2</sub> )	12.8	Kg/day	N.S.
14.	Oxide of Nitrogen (NO <sub>x</sub> )	11.1	mg/NM <sup>3</sup>	N.S.

#### Remark(s):

- All above results are well within MPCB Limit.
- N.S.: - Not Specified

ANALYZED BY-



AUTHORIZED SIGNATORY-

#### Terms and conditions

- The report is refer only to the sample tested and not applies to the bulk.
- The results shown in this test report may differ based on various factors including temperature, humidity, pressure, retention time etc.
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, GESEC.
- Samples will be retained for a period of seven (7) days after completion of analysis. Longer retention periods can be arranged, on request of the customer.
- We strictly maintain the confidentiality of all test result of sample(s) collected by us/ supplied by customer and not revel to third party unless required by the statutory or legal requirement.
- MoEF approved Lab by Govt. of India. From date. 09/02/2017 to 08/02/2022.



GESEC

**TEST CERTIFICATE**

Report No: GESEC/PRO/2019-20/01/508	Date of Report	18/01/2020
Client Name and Address: BHAIKAVNATH SUGAR WORKS LTD. Sonari (Distillery Division) Tq-Paranda, Dist-Osmanabad.	Date of Sampling	10/01/2020
	Start Date of Analysis	11/01/2020
	End Date of Analysis	18/01/2020
	Sample Details	CPU OUTLET
	Nature of sample	Liquid
Sample Collected By	GESEC	

**Water Analysis Report**

Sr. No.	Parameter	Result	MPCB Limits	Unit(s)	Standard Method
Physical Parameter					
1.	TDS	1260	2100	mg/lit	APHA 2540-C
2.	Total Suspended Solid	52.3	100	mg/lit	APHA 2540-D
Chemical Parameter					
3.	pH	7.4	5.5-9.0	--	APHA 4500-H <sup>+</sup>
4.	BOD at 27°C for 3 days	16.0	30	mg/lit	APHA 5210 B
5.	Oil and grease	<5.0	<10	mg/lit	APHA 5520 B
6.	COD	62.1	<250	mg/lit	APHA 5220 B
7.	Sulphate	75.4	1000	mg/lit	APHA 4500 SO <sub>4</sub> <sup>-</sup> E
8.	Chloride(As Cl <sup>-</sup> )	154.9	600	mg/lit	APHA 4500 Cl <sup>-</sup> B

Remark(s): All parameters are within the MPCB limit.

ANALYZED BY-



AUTHORIZED SIGNATORY

**Terms and conditions**

- The report is refer only to the sample tested and not applies to the bulk.
- The results shown in this test report may differ based on various factors including temperature, humidity, pressure, retention time etc.
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, GESEC.
- Samples will be retained for a period of seven (7) days after completion of analysis. Longer retention periods can be arranged, on request of the customer.
- We strictly maintain the confidentiality of all test result of sample(s) collected by us/ supplied by customer and not revel to third party unless required by the statutory or legal requirement.
- MoEF approved Lab by Govt. of India. From date. 09/02/2017 to 08/02/2022.





GESEC

### TEST CERTIFICATE

Report No: GESEC/PRO/2019-20/01/509	Date of Report	18/01/2020
Client Name and Address: BHAIKAVNATH SUGAR WORKS LTD. Sonari (Distillery Division) Tq-Paranda, Dist-Osmanabad.	Date of Sampling	10/01/2020
	Start Date of Analysis	11/01/2020
	End Date of Analysis	18/01/2020
	Sample Details	Compost
	Nature of sample	Semi-Solids
Sample Collected By	GESEC	

### COMPOST SAMPLE ANALYSIS REPORT

Sr. No.	Parameter	Result	Unit(s)
1.	pH ( 1:5 Suspension )	8.2	---
2.	Moisture	12.4	%
3.	EC	14.45	Ms/ppt
4.	Total Organic Matter	1.26	%
5.	Total Organic Carbon	0.54	%
6.	Total Nitrogen as N	49.6	%
7.	Total Phosphate as P <sub>2</sub> O <sub>5</sub>	6.9	%
8.	LOD at 105 °C	3.24	% w/w
9.	LOD at 550 °C On Dry Basis	7.21	% w/w
10.	LOD at 850 °C On Dry Basis	0.54	% w/w

ANALYZED BY-

AUTHORIZED SIGNATORY-



#### Terms and conditions

- The report is refer only to the sample tested and not applies to the bulk.
- The results shown in this test report may differ based on various factors including temperature, humidity, pressure, retention time etc.
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, GESEC.
- Samples will be retained for a period of seven (7) days after completion of analysis. Longer retention periods can be arranged, on request of the customer.
- We strictly maintain the confidentiality of all test result of sample(s) collected by us/ supplied by customer and not revel to third party unless required by the statutory or legal requirement.
- MoEF approved Lab by Govt. of India. From date. 09/02/2017 to 08/02/2022.

# **Annexure – II**

**(Photograph showing Pollutant on Display Board)**



## M/s. BHAIRAVNATH SUGAR WORKS LTD. SONARI. (DISTILLERY DIVISION)

Tq. paranda Dist. Osmanabad.

E-mail: bswldistillerysonari@gmail.com

Date of update of display: 23.01.20

Consent to operate valid up to:

Operational status:

(i) **Production Details:**

Sr.No.	Name of product/Co-Product	Maximum Quantity.	UOM
1	Rectified spirit(RS) OR Extra Neutral alcohol (ENA)	30.0	KL/D
2	Ethanol	28.0	KL/D
3	Fusel Oil	0.20	KL/D

ii) **Air Emission:**

S.No.	Source of Air Pollution	Capacity TPH	Air Pollution Control Devices	Fuel consumption MT/day	Stack Height Mtr.	Parameter Monitored PM.Mg/Nm3	
1	Boiler	10	Wet Scrubber	Bagasse:24 Bio-gas:11	40	Prescribed Limit	Actual
						150	

iii) **Effluent discharge:**

S.No.	Source of Effluent Discharge.	Permitted quantity of discharge CMD	Actual quantity CMD	Treatment method	Disposal
1	Process (trade)	240		Bio-digester followed by MEEP & Bio-composting	Bio-composting
2	Domestic	10		Soak pit	--

iv) **Parameters Monitored:**

Parameters Monitored	PH	BOD	TSS
Limit	6.5-9.0	30	100
Actual			

v) **Non Hazardous waste details:**

S.No.	Type of Waste	Quantity	Actual	UOM	Treatment	Disposal
1	Yeast sludge	0.20		MT/M	---	Used in composting
2	Fly Ash	50		MT/M	--	Sale to brick manufacture.
3	Distillation Residue	20		Kg/day	Mixed with compost	Sale to farmer

\*OCEMS connectivity details: Date of Installation:

Operational status: In operation.

**Annexure – III**  
**(Copy of Water Permission Letter)**



कार्यालय  
कार्यकारी अभियंता  
उस्मानाबाद पाटबंधारे विभाग  
उस्मानाबाद.

जा.क्र.उपावि/बि.सि / 3564/६६  
प्रति,

दिनांक :- / 11/2014  
19 NOV 2014

मा.अधिक्षक अभियंता व प्रशासक  
लाभक्षेत्र विकास प्राधिकरण,  
बीड

विषय :- बिगर सिंचन योजनेचा करारनामा करणे बाबत.  
मा.कार्यकारी संचालक भैरवनाथ शुगर वर्क्स लि. सोनारी ता.परंडा.जि.उस्मानाबाद

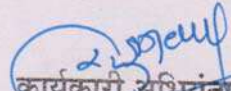
संदर्भ:- 1.महाराष्ट्र शासन पाटबंधारे विभाग,शासन परिपत्रक क्रं.बिपापु1001/(813/2001) सि.व्य  
(धो) दि. 11/06/2003.

संदर्भित शासन परिपत्रक बिगर सिंचन पाणी पुरवठ्यासाठी करारनामा सुधारीत नमुना व मार्गदर्शक तत्वेनुसार भैरवनाथ शुगर वर्क्स लि.सोनारी ता.परंडा.जि.उस्मानाबाद या बिगर सिंचन योजनेचा करारनामा करण्यांत येत आहे.

सदरील बिगर सिंचन पाणी पुरवठा योजनेसाठी सिना कोळेगांव प्रकल्पातून कारखान्यासाठी 0.1880 दलघमी व पिण्यासाठी 0.0403 दलघमी एकुण 0.2283 दलघमी वार्षिक पाणी आरक्षण मंजूर आहे. संदर्भित शासन परिपत्रकाप्रमाणे सुधारीत करारनामा कलम क्रं 1 ते 27 चे अधिन राहून करण्यांत येत आहे. सदरील करारनामा दि. 21 / 11 / 2014 पासून अंमलात येत आहे.

माहितीस्तव सविनय सादर.

सोबत-करारनामा प्रत.

  
कार्यकारी अभियंता  
उस्मानाबाद पाटबंधारे विभाग  
उस्मानाबाद.

1. प्रत,मा.मुख्य अभियंता व मुख्य प्रशासक,जलसंपदा विभाग, गारखेडा परिसर औरंगाबाद यांना माहितीस्तव सविनय सादर.
- ✓ 2. प्रत,मा.कार्यकारी संचालक, भैरवनाथ शुगर वर्क्स लि.सोनारी ता.परंडा जि.उस्मानाबाद यांना माहितीस्तव. (सोबत- करारनामा प्रत-1 )
3. प्रत,उपविभागीय अभियंता, रुई कालवा उपविभाग, परंडा यांना माहितीस्तव रवाना.  
(सोबत:- करारनामा प्रत-१)







Where as the company is desirous of constructing pumping station on the company's land at Domgaon for drawing water from the source Sina Kolegaon Project.

(Hereinafter referred to as "the said source") for the use by the company's Sugar Factory plant (Hereinafter referred to as "the said plant") and laying underground and surface pipes and drains for discharge of the factory effluent.

And whereas the company has applied to the Government for permission to draw 228.30 millions liters of water per/year from the said source. (0.2283 Mm<sup>3</sup>/yr.)

And whereas the company has paid Nil (Rupees Nil) to Government towards the proportional cost of capital outlay of the project.

And whereas the Government has agreed to grant the aforesaid permission to the company on the terms and conditions herein after appearing.

AND WHERE AS UNDER the said terms and conditions the company has to be deposit with Executive Engineer, Osmanabad Irrigation Division of the Government a sum of Rs. 144250=00 security equivalent two months. Company's probable annual water charges in cash or in the form of bank guarantee issued by a schedule / Nationalized bank having its main/ Branch office locally for the due observance and performance by the company of the terms and conditions of this Agreement and whereas the company has accordingly prior to the execution of these presents deposited with the Government Rs. 144250=00 as security for the due observance and performance by the company of the terms and conditions herein content, and whereas it has been agreed that the said amount will not carry and interest if deposited in cash.

Definitions :-

Quota :- Quota means yearly demand sanctioned and communicated to 0.2283 Mm<sup>3</sup> by the Executive Engineer.

Corporation:-Corporation means the River Basinl corporation like Maharashtra Krishna Valley Development Corporation (MKVDC), Godavari Marathawada Irrigation Development Corporation (GMIDC), Tapi Irrigation Development Corporation (TIDC), Konkan Irrigation Development Corporation (KIDC) & Vidarbh Irrigation Development Corporation (VIDC), Municipal Corporation's Municipalities etc.

MIDC : MIDC means Maharashtra Industrial Development Corporation.

MJP : means Maharashtra Jeevan Pradikaran.

Yearly applicable demand : Yearly applicable demand means the water demand communicated by the user for the period from 21<sup>st</sup> November to 31<sup>st</sup> October to the Executive Engineer & sanctioned by Irrigation Department every year in the month of September along with its bifurcation for industrial, domestic and agricultural use.

USER : User means water-using agency like individual companies users/industry/Entrepreneur.

भारत सरकार  
18024  
18/2000

भैरवनाथ शुगर वर्क्स लि.  
शिवाजी नगर, सोनारी, मुडिट नं. 9

शाखाधिकारी  
सिना कोलेगाव जलसिंचन  
शाखा: परंडा

Sub Divisional Engineer  
Sina Canal Sub Division  
Paranda

Executive Engineer  
Osmanabad Irrigation Division,  
Osmanabad



NOW THIS AGREEMENT WITNESSTH AS FOLLOWS:

- 1) (a) In consideration of the company making payment to the Government as hereinafter specified and observing and performing the convenience and conditions herein contained Government do hereby grants to the company permission to draw following quota of water for the specified purpose.

S.NO.	DESCRIPTION / USE	Quantity (Million Liters (M.cum per year)
1	Total sanctioned quota	0.2283 <del>TMC</del> / Year
1.1	For Industry Using Portable water bottling plant.	NIL
1.2	For other than water as raw material industrial use.	0.1880 MM <sup>3</sup>
1.3	For domestic use.	0.0403 MM <sup>3</sup>
1.4	For agricultural use (nursery/gardening) within the Company's Premises.	NIL

And use the same for the purpose of the company's said plant or project. For supply to residential colonies and for agricultural use (nursery/gardening) for a term of six years commencing from the 1<sup>st</sup> day of November 2014 on the following terms and conditions.

(b) The quota assigned for domestic use and for agricultural use shall not exceed 10% each of the total water demand. In the cases where in the water used for domestic and ~~Agricultural~~ <sup>Industrial</sup> use exceeds 10% in each case the excess use shall be charged at industrial applicable rate specified in clause 11 of this agreement and agricultural (nursery and -----)

(c) The industrial water requirement and the Domestic water requirement of the company as demanded deemed to be separate and independent for the sole purpose and water charges assessment shall be accordingly separate and independent for other clauses of this agreement.

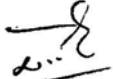
2) The permission hereby granted shall be subject to the provisions of the Maharashtra Irrigation Act 1976 and the Bombay Canal Rules 1934 and subsequent revision, if any, in force and any executive orders issued in this behalf by Government and any statutory amendment thereof from time to time and for the time being in force.


3) Nothing herein contained shall be deemed to imply an guarantee on the part of the Government as to the availability or otherwise of any specific quantity of water and Government shall not be responsible for the non-supply or in adequate supply of water on any account whatsoever.

However in case of inadequate or non-supply due to shortage of water or reason beyond the control of the Department, bill shall be charged as per actual quantity of water supplied during such period.

  
कार्यकारी संचालक

पैरवनाथ शुगर कार्पर्स लि.  
विशाली नगर, सोनारी, मुंबई नं. १  
ला पंजा लि. नमूना नं. १२३४५६७८

  
शाखाधिकारी Sub Divisional Engineer  
सिना कोळेगाव जलसिंचन Rui Canal Sub Division  
शाखा: परंडा Paranda

  
Executive Engineer  
Osmanabad Irrigation Division,  
Osmanabad

4) The company shall use the water drawn from the said river for purpose of the company's said Plant and for supply to the residential colonies constructed by the company within the area of the said Plant for providing housing to its employees and workers (hereinafter referred to as "the said residential Colonies"). The company shall not sell the water from the said river to any other person, firm or company, corporation, or other body. In the event of the company selling water drawn from the said river, then the Government without prejudice to its right will forthwith revoke the license. Government shall be entitled to recover from the company the proceeds of any such sale made by the company.

5) Government shall be entitled to utilize water of the said river available after meeting the reasonable requirements of the company: as to which matter the decision of the Government shall be final and binding on the company, for such purpose as Government deems fit.

6) The permission hereby granted shall not in any manner prejudicially affect the existing water rights vested in the upstream riparian owners, nor shall it in any way, prejudice Government's right to hereafter launch or implement in public interest any new scheme or schemes on its own, on or in connection with the present source of channel of water supply available to the company, subject however to the safe guarding of its reasonable demand referred to in clause (5) above.

7) The company shall not construct the pickup weir in the <sup>Sing</sup> wadala river bed of the said river unless the proposals, plans, drawings, specifications, estimates and all other details thereof are previously submitted to and approved in writing by an officer authorized in that behalf by the.

Government and while granting its approval to the construction of the pickup weir Government may impose such conditions as it may in its discretion think fit.

8) (a) For ascertaining the quantity of water drawn by the company, the company.

Shall for with at its own cost and after obtaining prior approval in writing thereto of the Executive Engineer, install independent pipelines fitted with separate electronic water measuring devices for use of the water for the said independent intention (hereinafter referred to as "the said electronic measuring devices") at such places as is Indicated by the Executive Engineer. All the pipelines layout from the said source shall be got approved from the Executive Engineer. No charges in the approved layout shall be made without the prior written approval from the Executive Engineer. In the event of the company failing to install and keep in proper working order the said electronic measuring devices for use of water for the said Plant and supply of the said residential colonies as aforesaid the company shall be liable to pay for the full sanctioned water quota. During such period 125% of water will be charged at the prevailing rates for the said plant. The said electronic measuring devices shall always be kept under the lock and seal of the Executive Engineer and

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शाखाधिकारी

शिवा कोळेगाव जलसिंचन Sub Division Engineer

शाखा: परंडा

Executive Engineer  
Osmanabad Irrigation Division,  
Osmanabad

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the key of such lock shall at all times remain with the Executive Engineer. The company shall at all times, during the substance of this agreement at its own cost maintain the said electronic measuring devices in proper working order and condition.

(b) Reading for the water so drawn by the company will be taken on the said electronic measuring devices, on the first day of each month / at agreed times, jointly by the authorized representative of the Executive Engineer and of the company.

(c) If at any time in the opinion of the Executive Engineer the said electronic measuring devices are found defective, the same shall be tested for its accuracy and the cost such testing shall be borne and paid by the company. If on such testing the said electronic measuring devices are found to be defective the company shall forthwith. Get the same repaired and set right at its own cost and in the event of company failing to do so within 30(thirty) days thereafter the Executive Engineer may proceed to do so on account and at the cost of the company.

(d) In the even of the said electronic measuring devices going out of order and becoming defective the quantity of water drawn by the company during the period when meter was defective and not working shall be as curtailed in the following manner.

i) If the said electronic measuring devices remain out of order for a period of less than 30 days then the quantity of water deemed to be drawn by the user during the said period shall be taken to be 90 % of the yearly sanctioned demand as communicated in clause No. 11 or average for the last six moths which ever is higher.

ii) If the said electronic measuring devices remain out of order for a period exceeding 30 days than the quantity of order deemed to drawn by the user during the said period shall be taken to be 110 % of the yearly sanctioned demand as communicated in clause 11 or average for the last six months which ever is higher. This will be made applicable for the period during which the measuring devices remained out of order.

The aforesaid provisions will also apply when the quantity of water drawn by the company can not be measured on account of removal of the said electronic measuring devias for repairs or the same in the opinion of the executive engineer not working properly.

iii) If electronic meter meant for domestic or for <sup>Industrial</sup> agricultural use is not fitted or resins out of order or is removed, the water charges will be levied as per the rates specified for the industrial use for the total quota referred to in clause one 1(a) of this agreement :

9) Billing should be done on bimonthly basis the bill for the water drawn by the company during the previous calendar month shall be sent in duplicate /

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सिना कोळेगाव जलसिंचन  
शाखा: परंदा

Sub Divisional Engineer  
Rui Canal Sub Division  
Paranda

Executive Engineer  
Osmanabad Irrigation Division,  
Osmanabad



triplicate by the executive engineer to the office of the company within 15 days after the end of the water consumption month. The company shall thereafter duly pay the same duly pay the same by a demand draft drawn in the same of the Executive Engineer Osmanabad irrigation Division for and on behalf of the Government within a fortnight from the date of receipt of the bill and shall not allow the same to fall in arrears. If the company fails to pay the amount within this stipulated time (15 days from the date of receipt of the bill <sup>and</sup> before the end of the current month) extra charge not exceeding 10% per annum of the amount due will be charged. If the delay in payment of water charges exceeds six months, the irrigation department reserves the right to terminate the water supply with a notice of 15 days in advance.

10) The cost of all works in connection, with the arrangements for water supply including the cost of measuring devices and its installation and maintenance, shall be borne by the company.

11) Subject to the provisions of clause (8) hereof, the company shall pay to the Government at the time and in the manner specified in clause(12) hereof water charges for the quantity of water drawn by the company from the said river as measured by the said electronic measuring devices at the following rates, namely :-

Here rates which are going to applied to the company with mention of purpose of use of water, sanctioned quota and present rate (subject to its revision) may be specified the water lifted by the USER during rainy season from the river where irrigation department . Has not released the water, concessional rate as decided by irrigation department shall be charged.

- i) Provided however that after the expiry of two years from the date the company starts drawing water from the said river if in any month the quantity of water drawn by the company is less than 90% of the quantity of water specified in clause (1) hereof then the company shall pay to the Government water charges calculated for 90% of the quantity of water specified in clause (1) hereof or for average of the quantity of water drawn by the company during the period of previous 3 months including the month in question whichever is greater.
- ii) For any unforeseen reasons, if the company/agencies would like to reduce/increase the demand the of water made earlier/entered in the. Agreement, they will be required to make the revised annual demand before the commencement of the year Le. 1<sup>st</sup> day of November. On acceptance of such revised demand the company will be charged as per changed demand for period specified, other condition remaining same. A supplementary agreement on 100 Rs stamp paper for this changed quantity which will form part of main agreement.
- iii) No penal rate will be levied for the quantity limited to 10% in excess of the sanctioned one. For quantity used in excess of this 10% without prior sanction a penal rate of 25% will be charged over the basic rate. The delay in payment on account of this also will be governed by clause 9 above.

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सिना कोळेगाव जलसिंचन  
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Paranda

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Osmanabad

- iv) For any unforeseen reasons (such as sudden closure of the units or sudden or sudden rise in production etc.) there could be abrupt fluctuations in the demand on both sides. Such cases will be decided at Government level only. By giving due considerations to the availability of water in the particular sub-basin and so on.
- v) In addition to the payment of water charges referred to above the company shall also pay to the Government local fund cess at the rate of 20 paise per every rupee of basic water charges. i.e. 20%.
- vi) Water bills - The BI -monthly bills for the period from November to August (for 10 months) shall be prepared on the basis of actual quantity of water lifted at the prevailing rate. The bill for the months of September & October (1<sup>st</sup> & 12<sup>th</sup> month) shall be prepared by taking review of annual sanctioned demand and the terms and conditions of the agreement and then shall the adjusted and paid accordingly while adjusting so it shall be considered that the 90% of the annual sanctioned demand has been lifted used.

The water lifted in excess up to 10% of sanctioned demand shall be charged at single rate and excess above 10% (with prior permission) will be charged at penal rate of 1.25 times to the normal rate as mentioned in the relevant clause however the local cess shall be charged on single rate only.

12) (a) The company shall pay to the Executive Engineer, water rates and local fund cess either in advance every alternate month on the basis of anticipated quantum of Water to be drawn by it from the said source during the next two month or on Monthly basis within fifteen (15) days from the date of receipt of the bimonthly demands by the user from the executive engineer local fund cess as aforesaid vide clause 9 and 11. Government shall without prejudice to its any other rights and remedies be entitled to terminate this agreement forthwith as per clause NO.9

(b) In the case of disputes regarding quantity of water billed or rate at which the bill is prepared the Company/tine/individual water user shall first pay the complete amount of the bill and then claim for refund of any excess bill charged giving the reasons / justification of wrong billing. However the decision of Superintending Engineer and administrator CADA Beed in this regards shall be final and binding on the Company.

13) Government hereby reserves to itself the right to revise from time to time the water rates and local fund cess and company shall pay the revised water rates and local fund cess as may be fixed by Government from time to time.

14) The USER shall not discharge the effluent in any nalla or river and shall not pollute directly or indirectly any portion of the said nalla / river even by septic tank effluents. If any water sources are polluted by any industry as identified by irrigation/pollution control Board/MIDC/MJP the company shall be charged with a penalty of Rupees 5,000/- per such incident per day till it is rectified. The opinion of Maharashtra



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सिना कोळेगाव जलसिंचन  
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Paranda

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Osmanabad

Pollution Control Board in respect of degree of pollution will be binding on the company.

The company shall recycle the effluent water for their use such as gardening, recreation, cooling, washing and manufacturing process etc. so that at least 50% reduction in consumption of fresh water is achieved.

15) The effluent disposal arrangement made by the company / industry shall be got approved by the company from the Maharashtra Pollution Control Board Environmental Department of the Government prior to commencing the operation of pumping / drawing water from the source.

16) The company shall at all the times allow an officer of Irrigation Department of the Government authorized in that behalf to inspect the said works as well as the accounts and copies taken of entries from the records maintained by the company.

17) Any notice or other document to be given to or served upon the company may be given or served on behalf of the Government by the Executive Engineer Osmanabad Irrigation division Osmanabad and any such notice or document shall be deemed to have been duly given to or served upon the company or sent by registered post to the registered company if it is delivered at the registered office of the company or sent by registered post to the registered address for the time being of the company.


18) The said sum of Rs. 144250=00 deposited in the ~~from~~ of Bank of India Br. Solapur guarantee / cash by the company with the Executive Engineer, Osmanabad irrigation Division to the Government as aforesaid shall be held by the Government as security for the due observance and performance by the company of the convenient herein contained. In case of default on the part of the company to perform and observe any of the said convenient terms and conditions it shall be lawful for the Government in its absolute discretion to forfeit the whole of the security deposit or any part thereof without prejudice nevertheless to any rights and remedies which the Government may have against the company under these presents for such breach and the company shall forthwith pay up the amount so forfeited and shall always maintain the original amount of deposit throughout the period of this agreement. On the expiry of terms of this agreement, the said security of Rs. 144250=00 or such part thereof as shall not have been appropriated as aforesaid shall be refunded to the company.

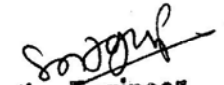
19) All amounts due to the Government by the company under this agreement shall be deemed to be arrears of land revenue and may without prejudice to any other rights and remedies of the Government be recovered from the company as arrears of land revenue.

20) On the expiry of the term of this agreement, Government may renew this agreement within 90 days for such further period and on such terms and conditions as Government may at its absolute discretion deem fit.



  
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शाखाधिकारी  
सिन्हा कोळेगाव जलसिंचन  
शाखा: परंडा  
Sub Divisional Engineer  
Rui Canal Sub Division  
Paranda

  
Executive Engineer  
Osmanabad Irrigation Division,  
Osmanabad



21) The costs incurred in the execution of the incidental charges for this agreement including stamp duty shall be borne and paid by company.

22) Permission for extra water over and above the sanctioned quota will be granted only when the written permission for expansion etc. is produced by the company from the industrial Department.

23) The agreement supercedes all the previous agreements entered into by the USER with the Government in connection with the supply of water from Sina Kolegaon Project.

24) The company. Should submit their water indent for every rotation to the Executive Engineer Osmanabad Irrigation Division, Osmanabad on or before starting of the rotation where the source is located on canal. The company should also furnish the exact quantity of water actually drawn in each rotation after completion of the rotation.

25) The company will have to make an arrangement at its own cost for adequate storage (Balancing Tank) of not less than two months requirement of water in case of perennial canal, five months requirement in case of 8 monthly canal system, four months requirement in case of water source from seasonal river / nalla and one month water requirement in case of perennial water, source of river/ nalla so as to take care of the closure period. But if unexpectedly the closure period is increased by more than the specified period stipulated herein the company will have to make an alternative arrangement for its water requirement at its own cost.

26) IF THE COMPANY COMMITS A BREACH OF ANY OF THE TERMS AND CONDITIONS THEREOF GOVERNMENT SHALL BE ENTITLED TO CANCEL THIS PERMISSION AND DISCONTINUE THE SUPPLY OF WATER WITHOUT PAYMENT OF ANY COMPENSATION WHATSOEVER TO THE COMPANY.

27) The Govt. hereby reserves to itself its right to change / amend / modify / cancel / revise any of the terms and conditions, rules and regulations of water management and Maharashtra Irrigation Act and rules laid under them which shall be applicable for this agreement.

IN WITNESS WHEREOF THE Common Seal of the Bhairavnath Sugar Works Ltd, Shivajinagar, Sonari, Tal. Paranda, Dist. Osmanabad has been hereunto affixed Shri. **D.U. SAWANT** AND Shri. S.M. JAGTAP the Executive Engineer, Osmanabad Irrigation Division, has for and on behalf of the Governor of Maharashtra hereto set his hand and affixed the seal of his office the day and year first herein above written. THE COMMON SEAL OF Bhairavnath Sugar Works Ltd, Sonari, Tq. Paranda, Dist. Osmanabad.

Was pursuant to resolution

Of the Board of Directors of - Bhairavnath Sugar Works Ltd, Sonari, Tq. Paranda,  
Dist. Osmanabad.

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भैरवनाथ शुगर वर्क्स लि.  
शिवजी नगर, सोनारी, तालुका परंदा  
जिल्हा उस्मानाबाद ४१३५०५

शाखाधिकारी

शिवना कोळेगाव जलसिंचन  
शाखा: परंदा

Sub Divisional Engineer

Rui Canal Sub Division  
Paranda

Executive Engineer  
Osmanabad Irrigation Division,  
Osmanabad

Hereto affixed in the presence of

- Sam

1. Shri. Anil Subhashrao Sawant
2. Shri. Vikram Uttam Sawant

Director AUSnet

1) P.B.BODLE - JUNIOR ENGINEER

2) P.M. SURYAWANSHI - CIVIL ENGINEERING ASSISTANT :-



## कार्यकारी संचालक

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शाखाधिकारी  
सिन्धु कोळेगाव जलसिंचन  
शाखा: परंदा

Sub Divisional Engineer  
Rui Canal Sub Division  
Paranda

**Executive Engineer**  
Osmanabad Irrigation Division,  
Osmanabad

# **Annexure – IV**

## **(Photographs of Lagoon)**



Photograph showing Lagoon



# **Annexure – V**

## **(Fire Hydrant Layout & Photographs)**





TOTAL PLOT AREA=82.300  
BUILT UP AREA=31333.80  
GREEN BUILT UP AREA=27169  
OPEN SPACE AREA=23797.20

TOTAL AREA:31333.80 m2


20	ETHANOL RECEIVERS & STORAGE TANKS (AS PER PESO NORMS)	45X59	2655
19	RS & IS BULK STORAGE SECTION	18X27	486
18	WATER RESERVOIR	24X34	816
17	---	---	--
16	SPENT WASH LAGOONS	100X50	5000
15	PROVISION FOR BOTTLING PLANT	26X38	--
14	MOLASSES BULK TANK	32X27	864
13	COMPOSTING AREA	175X75	13125
12	BIO GAS UNIT	50X40	2000
11	CONDENSATE POLISHING UNIT	50X30	1500
10	EVAPORATION PLANT (MEE)	32X11	352
9	STORAGE SECTION	46X24	1104
8	WATER TREATMENT PLANT	33X24	792
7	BOILER WITH TURBINE & FUEL YARD	36X53	1907
6B	COOLING TOWER FOR EVAPORATION	6.25X5.0	31.25
6A	COOLING TOWER FOR DISTILLATION	6.6X20.0	132
5	FERMENTATION SECTION	48X20	960
4	DISTILLATION SECTION	27X10	270
3	ADMINISTRATIVE OFFICE	10X10	100
2	----	----	-----
1	SECURITY CABIN	3X3	9.0
NO. SR.	DESCRIPTION	(MTRS) SIZE	AREA (M <sup>2</sup> ) B/UP

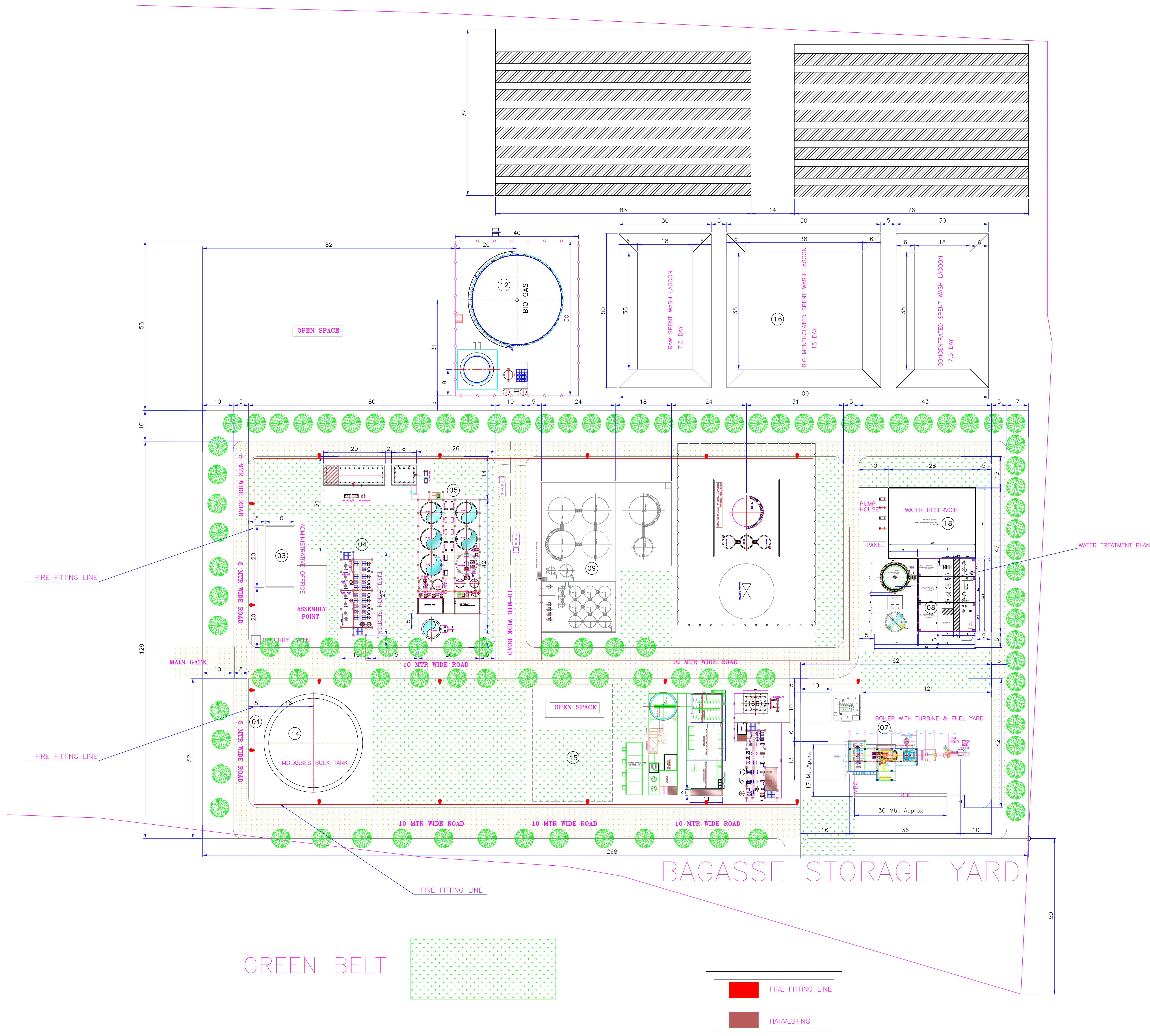
## LEGEND

REV.	DATE	MODIFICATION		REV. BY	CHKD. BY	APP. BY



TITLE :	
PROJECT :	BHAIRAVNATH SUGAR WORKS LTD.

DRAWN	SHP	ALL INFORMATIONS CONTAINED IN THIS DOCUMENT IS CONFIDENTIAL AND COPY RIGHT THERE OF IS RESERVED BY M/s. MEGA ENGINEERING. THEY SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN FOR WHICH THEY ARE SUPPLIED AND SHALL NOT BE COPIED OR REPRODUCED WITHOUT WRITTEN CONSENT.		DRAWING No : <b>11079-SLP-0001</b>	REVISION <b>0</b>
CHECKED	SVP				
APPROVED	ASK				
DATE	25.09.2019				
PLOT SCALE	1:385				





## PHOTOGRAPHS SHOWING FIRE FIGHTING SYSTEM





# **Annexure – VI**

## **(Photographs for Green Belt Development)**

## PHOTOGRAPHS SHOWING GREENBELT



# **Annexure – VII**

## **(Health Checkup Report)**

 <p>सार्वजनिक आरोग्य विभाग</p>	<p><b>राष्ट्रीय आरोग्य अभियान</b></p> <p><b>प्राथमिक आरोग्य केंद्र अनाळा</b></p> <p>E-Mail Id :- mophcanala.osd@gmail.com Phone No :- 02477-234190</p>	 <p>NATIONAL HEALTH MISSION, MAHARASHTRA NHM राष्ट्रीय आरोग्य अभियान महाराष्ट्र</p>
<p>आरोग्य सेवा</p>	<p>जा.क्र/प्राआकेंद्रेअ/एनएचएम/ ---/२०२०. दिनांक :---- /----/२०२०.</p>	



### \* प्रमाणपत्र \*

प्रमाणीत करण्यात येते की प्रा. आ. केंद्र अनाळा ता.परंडा जि.उस्मानाबाद अंतर्गत सोनारी येथील श्री काळ भैरवनाथ सहकारी साखर कारखाना येथे दि २९/३/२०१९ रोजी सर्वरोग निदान शिबीर घेण्यात आले. हयामध्ये ६० पु ४० स्त्रीया १५ बालके तपासणी करुन औषधोपचार करण्यात आला. हया शिबीरासाठी साखर कारखाना येथील मुख्यअधिकारी व कर्मचारी यांनी सहकार्य दिले. हया शिबीरासाठी बैठकव्यवस्था उत्तम होती. कारखाना कामकरनारे मजूर व कर्मचारी या शिबीराचा लाभ घेतला. सर्वरोगनिदान शिबीराबाबतचे सबब प्रमाणपत्र देण्यात येत आहे.

\* संबधीताच्या अर्जानुसार प्रमाणपत्र देण्यात येत आहे.

वैद्यकीय अधिकारी  
प्राथमिक आरोग्य केंद्र अनाळा









# महालॅब्स

महाराष्ट्र शासनाची निवृत्त प्रयोगशाळा चाचण्या निराल योजना



ID No. : 23P03170000802



HINDLABS KALLAMB

Name : GANESH WALEKAR

Age/Sex : 27 Year / Male

Ref. By Dr. : Phc Anala

Reg.Date/Time : 30/03/2019 15:18:36

Facility Name : Anala IPHS(24X7)

Client Name : NHM

## COMPLETE BLOOD COUNT

Investigation	Result	Units	Bio. Ref. Interval
Haemoglobin (Hb)	: 13.4	gm/dl	12.6 - 17.1
Total RBC Count	: 5.09	Million /Cumm	4.2 - 5.4
PCV	: 38.4	%	35.0 - 50.0
MCV	: 75.5	fl	78 - 97
MCH	: 26.3	pg	27 - 32
MCHC	: 34.8	gm/dl	31 - 36
RDW-CV	: 12.5	%	12.1 - 14.0
Total Leucocyte Count(TLC)	: 4900	Cells/Cumm	4000 - 11000
<b>DIFFERENTIAL COUNT</b>			
Polymorphs	: 74	%	42 - 74
Lymphocytes	: 21	%	18 - 45
Monocytes	: 03	%	2 - 10
Eosinophils	: 02	%	1 - 6
Basophils	: 00	%	0 - 2
Platelet Count	: 2.60	Lakhs/Cumm	1.5 - 4.5

Method: Whole Blood, Fully automated Hematology analyzer.

Hb: Cyanmeth method, Total WBC: Impedence, Diff count: Microscope examination of stained smear.RBC: Impedence

HCT,MCV,MCHC,RDW-CV calculated. Platelets: Impedence Method

--End Of Report--

Dr. Ashwini Gore

M.B.B.S, D.P.B PATH



# महालॅब्स

महाराष्ट्र शासनाची विशुद्ध प्रयोगशाळा चाचण्या निदान योजना



ID No. : 23P03170000801



HINDLABS KALLAMB

Name : MANGAL VIDYAGAR

Age/Sex : 25 Year / Female

Ref. By Dr. : Phe Anala

Reg.Date/Time : 30/03/2019 15:18:31

Facility Name : Anala IPHS(24X7)

Client Name : NHM

## COMPLETE BLOOD COUNT

Investigation	Result	Units	Bio. Ref. Interval
Haemoglobin (Hb)	: 9.8	gm/dl	11.0 - 15.0
Total RBC Count	: 4.83	Million /Cumm	4.2 - 5.4
PCV	: 30.6	%	35.0 - 50.0
MCV	: 63.5	fl	70 - 96
MCH	: 20.2	pg	27 - 32
MCHC	: 32.3	gm/dl	30 - 35
RDW-CV	: 14.1	%	12.1 - 14.0
Total Leucocyte Count(TLC)	: 5400	Cells/Cumm	4000 - 11000
<b>DIFFERENTIAL COUNT</b>			
Polymorphs	: 45	%	45 - 75
Lymphocytes	: 48	%	18 - 45
Monocytes	: 04	%	2 - 9
Eosinophils	: 03	%	1 - 6
Basophils	: 00	%	0 - 2
Platelet Count	: 4.35	Lakhs/Cumm	1.5 - 4.5

Method: Whole Blood, Fully automated Hematology analyzer.

Hb: Cyanmeth method, Total WBC: Impedence, Diff count: Microscope examination of stained smear.RBC: Impedence

HCT,MCV,MCHC,RDW-CV calculated. Platelets: Impedence Method

--End Of Report--

Dr. Ashwini Gore

M.B.B.S, D.P.B PATH





# महालॅब्स

महाराष्ट्र शासनाची शिक्षण प्रयोगशाळा चाचण्या निदान योजना



ID No. : 23P03170000800



HINDLABS KALLAMB

Name : SATISH VIDYAGAR

Age/Sex : 38 Year / Male

Ref. By Dr. : Phc Anala

Reg.Date/Time : 30/03/2019 15:18:20

Facility Name : Anala IPHS(24X7)

Client Name : NHM

## Biochemistry

Investigation	Result	Units	Bio. Ref. Interval
Serum Blood Urea	: 25.9	mg/dl	20 - 42
BUN-Blood Urea Nitrogen	: 12.0953	mg/dl	9.34 - 19.6
Method: BUN is calculated (from Urease-GLDH-Kinetic).			
Serum Creatinine	: 1.29	mg/dl	0.7 - 1.3
Method: Enzymatic.			
Serum SGOT	: 34.0	U/L	0 - 35
Method: IFCC without PDP			
Serum SGPT	: 41.9	U/L	0 - 45
Method: IFCC without PDP			
Serum Alkaline Phosphatase	: 125.9	U/L	53 - 128
Method: IFCC without AMP buffer.			
Serum Total Protein	: 8.04	gm/dl	6.4 - 8.3
Serum Albumin	: 4.45	gm/dl	3.2 - 4.5
Serum Globulin	: 3.59	gm/dl	2.5 - 3.5
Method: Biuret Method.			
Serum Albumin	: 4.45	gm/dl	3.2 - 4.5
Method: Bromocresol Green (Colorimetric Assay Endpoint).			

--End Of Report--

Dr. Ashwini Gore

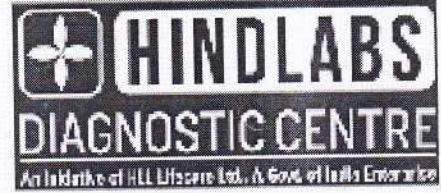
M.B.B.S, D.P.B PATH





# महालॅब्स

महाराष्ट्र शासनाची निशुल्क प्रयोगशाळा चाचण्या निव्वल योजना



ID No. : 23P03170000798



HINDLABS KALLAMB

Name : REKHA BHOIL

Age/Sex : 24 Year / Female

Ref. By Dr. : Phc Anala

Reg.Date/Time : 30/03/2019 15:18:04

Facility Name : Anala IPHS(24X7)

Client Name : NHM

## COMPLETE BLOOD COUNT

Investigation	Result	Units	Bio. Ref. Interval
Haemoglobin (Hb)	: 8.9	gm/dl	11.0 - 15.0
Total RBC Count	: 4.34	Million /Cumm	4.2 - 5.4
PCV	: 28.5	%	35.0 - 50.0
MCV	: 65.7	fl	70 - 96
MCH	: 20.5	pg	27 - 32
MCHC	: 31.2	gm/dl	30 - 35
RDW-CV	: 14.4	%	12.1 - 14.0
Total Leucocyte Count(TLC)	: 3000	Cells/Cumm	4000 - 11000

## DIFFERENTIAL COUNT

Polymorphs	: 78	%	45 - 75
Lymphocytes	: 17	%	18 - 45
Monocytes	: 03	%	2 - 9
Eosinophils	: 02	%	1 - 6
Basophils	: 00	%	0 - 2
Platelet Count	: 3.96	Lakhs/Cumm	1.5 - 4.5

Method: Whole Blood, Fully automated Hematology analyzer.

Hb: Cyanmeth method, Total WBC: Impedence, Diff count: Microscope examination of stained smear.RBC: Impedence

HCT,MCV,MCHC,RDW-CV calculated. Platelets: Impedence Method

--End Of Report--

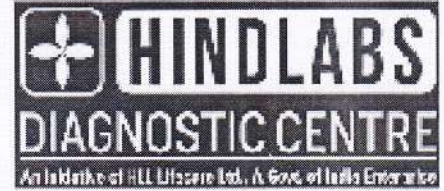
Dr. Ashwini Gore

M.B.B.S, D.P.B PATH



# महालॅब्स

महाराष्ट्र शासनाची नियुक्त प्रयोगशाळा चाचण्या निवाला योजना



ID No. : 23P03170000797



HINDLABS KALLAMB

Name : SANJAY RAUT

Age/Sex : 27 Year / Male

Ref. By Dr. : Phc Anala

Reg.Date/Time : 30/03/2019 15:17:56

Facility Name : Anala IPHS(24X7)

Client Name : NHM

## COMPLETE BLOOD COUNT

Investigation	Result	Units	Bio. Ref. Interval
Haemoglobin (Hb)	: 12.8	gm/dl	12.6 - 17.1
Total RBC Count	: 4.35	Million /Cumm	4.2 - 5.4
PCV	: 35.6	%	35.0 - 50.0
MCV	: 83.2	fl	78 - 97
MCH	: 29.7	pg	27 - 32
MCHC	: 35.9	gm/dl	31 - 36
RDW-CV	: 12.6	%	12.1 - 14.0
Total Leucocyte Count(TLC)	: 3900	Cells/Cumm	4000 - 11000

## DIFFERENTIAL COUNT

Polymorphs	: 84	%	42 - 74
Lymphocytes	: 10	%	18 - 45
Monocytes	: 04	%	2 - 10
Eosinophils	: 02	%	1 - 6
Basophils	: 00	%	0 - 2
Platelet Count	: 2.64	Lakhs/Cumm	1.5 - 4.5

Method: Whole Blood, Fully automated Hematology analyzer.

Hb: Cyanmeth method, Total WBC: Impedence, Diff count: Microscope examination of stained smear.RBC: Impedence

HCT,MCV,MCHC,RDW-CV calculated. Platelets: Impedence Method

--End Of Report--

Dr. Ashwini Gore

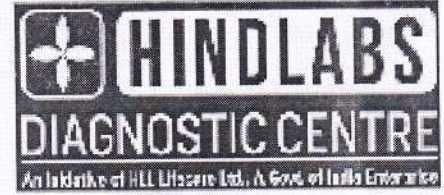
M.B.B.S. D.P.B PATH





# महालॅब्स

महाराष्ट्र शासनाची शिबुलक प्रयोगशाळा चाचण्या निदान योजना



ID No. : 23P03170000796



HINDLABS KALLAMB

Name : VARSHA RAUT

Age/Sex : 20 Year / Female

Ref. By Dr. : Phc Anala

Reg.Date/Time : 30/03/2019 15:17:49

Facility Name : Anala IPHS(24X7)

Client Name : NHM

## COMPLETE BLOOD COUNT

Investigation	Result	Units	Bio. Ref. Interval
Haemoglobin (Hb)	: 12.5	gm/dl	11.0 - 15.0
Total RBC Count	: 4.33	Million /Cumm	4.2 - 5.4
PCV	: 34.8	%	35.0 - 50.0
MCV	: 80.5	fl	70 - 96
MCH	: 28.8	pg	27 - 32
MCHC	: 35.9	gm/dl	30 - 35
RDW-CV	: 13.2	%	12.1 - 14.0
Total Leucocyte Count(TLC)	: 4000	Cells/Cumm	4000 - 11000
<b>DIFFERENTIAL COUNT</b>			
Polymorphs	: 75	%	45 - 75
Lymphocytes	: 20	%	18 - 45
Monocytes	: 03	%	2 - 9
Eosinophils	: 02	%	1 - 6
Basophils	: 00	%	0 - 2
Platelet Count	: 3.03	Lakhs/Cumm	1.5 - 4.5

Method: Whole Blood, Fully automated Hematology analyzer.

Hb: Cyanmeth method, Total WBC: Impedence, Diff count: Microscope examination of stained smear.RBC: Impedence

HCT,MCV,MCHC,RDW-CV calculated. Platelets: Impedence Method

--End Of Report--

Dr. Ashwini Gore

M.B.B.S, D.P.B PATH



# महालॅब्स

महाराष्ट्र शासनाची लिब्ररीक प्रयोगशाळा चाचण्या निराल योजना



ID No. : 23P03170000795



HINDLABS KALLAMB

Name : SHREERAM GOFANE

Age/Sex : 41 Year / Male

Ref. By Dr. : Phc Anala

Reg.Date/Time : 30/03/2019 15:17:42

Facility Name : Anala IPHS(24X7)

Client Name : NHM

## COMPLETE BLOOD COUNT

Investigation	Result	Units	Bio. Ref. Interval
Haemoglobin (Hb)	: 13.3	gm/dl	13.0 - 17.0
Total RBC Count	: 4.89	Million /Cumm	4.2 - 5.4
PCV	: 38.7	%	35.0 - 50.0
MCV	: 79.3	fl	77 - 99
MCH	: 27.1	pg	27 - 32
MCHC	: 34.3	gm/dl	31 - 36
RDW-CV	: 11.9	%	12.1 - 14.0
Total Leucocyte Count(TLC)	: 2600	Cells/Cumm	4000 - 11000
<b>DIFFERENTIAL COUNT</b>			
Polymorphs	: 67	%	42 - 74
Lymphocytes	: 28	%	18 - 45
Monocytes	: 03	%	2 - 10
Eosinophils	: 02	%	1 - 6
Basophils	: 00	%	0 - 2
Platelet Count	: 3.21	Lakhs/Cumm	1.5 - 4.5

Method: Whole Blood, Fully automated Hematology analyzer.

Hb: Cyanmeth method, Total WBC: Impedence, Diff count: Microscope examination of stained smear.RBC: Impedence

HCT,MCV,MCHC,RDW-CV calculated. Platelets: Impedence Method

--End Of Report--

Dr. Ashwini Gore





# महालॅब्स

महाराष्ट्र शासनाची निशुल्क प्रयोगशाळा चाचण्या निव्वल योजना



ID No. : 23P03170000794



HINDLABS KALLAMB

Name : SOMNATH SURYAWANSHI

Age/Sex : 34 Year / Male

Ref. By Dr. : Phc Anala

Reg.Date/Time : 30/03/2019 15:17:30

Facility Name : Anala IPHS(24X7)

Client Name : NHM

## COMPLETE BLOOD COUNT

Investigation	Result	Units	Bio. Ref. Interval
Haemoglobin (Hb)	: 12.8	gm/dl	12.6 - 17.1
Total RBC Count	: 4.46	Million /Cumm	4.2 - 5.4
PCV	: 36.2	%	35.0 - 50.0
MCV	: 81.2	fl	78 - 97
MCH	: 28.6	pg	27 - 32
MCHC	: 35.3	gm/dl	31 - 36
RDW-CV	: 12.2	%	12.1 - 14.0
Total Leucocyte Count(TLC)	: 4400	Cells/Cumm	4000 - 11000
<b>DIFFERENTIAL COUNT</b>			
Polymorphs	: 75	%	42 - 74
Lymphocytes	: 20	%	18 - 45
Monocytes	: 03	%	2 - 10
Eosinophils	: 02	%	1 - 6
Basophils	: 00	%	0 - 2
Platelet Count	: 3.09	Lakhs/Cumm	1.5 - 4.5

Method: Whole Blood, Fully automated Hematology analyzer.

Hb: Cyanmeth method, Total WBC: Impedence, Diff count: Microscope examination of stained smear.RBC: Impedence

HCT,MCV,MCHC,RDW-CV calculated. Platelets: Impedence Method

--End Of Report--

Dr. Ashwini Gore

M.B.B.S. D.P.R. PATH



# महालॅब्स

महाराष्ट्र शासनाची नियुक्त प्रयोगशाळा चाचण्या निराला योजना



ID No. : 23P03170000793

Name : NAGAR BHAGDE

Ref. By Dr. : Phc Anala

Facility Name : Anala IPHS(24X7)



HINDLABS KALLAMB

Age/Sex : 65 Year / Female

Reg.Date/Time : 30/03/2019 15:17:25

Client Name : NHM

## COMPLETE BLOOD COUNT

Investigation	Result	Units	Bio. Ref. Interval
Haemoglobin (Hb)	: 11.6	gm/dl	11.50 - 14.5
Total RBC Count	: 4.22	Million /Cumm	4.2 - 5.4
PCV	: 34.4	%	35.0 - 50.0
MCV	: 81.7	fl	74 - 96
MCH	: 27.4	pg	27 - 32
MCHC	: 33.7	gm/dl	30 - 35
RDW-CV	: 12.2	%	12.1 - 14.0
Total Leucocyte Count(TLC)	: 4300	Cells/Cumm	4000 - 11000

## DIFFERENTIAL COUNT

Polymorphs	: 82	%	45 - 75
Lymphocytes	: 13	%	18 - 45
Monocytes	: 03	%	2 - 9
Eosinophils	: 02	%	1 - 6
Basophils	: 00	%	0 - 2
Platelet Count	: 3.22	Lakhs/Cumm	1.5 - 4.5

Method: Whole Blood, Fully automated Hematology analyzer.

Hb: Cyanmeth method, Total WBC: Impedence, Diff count: Microscope examination of stained smear.RBC: Impedence

HCT,MCV,MCHC,RDW-CV calculated. Platelets: Impedence Method

--End Of Report--

Dr. Ashwini Gore

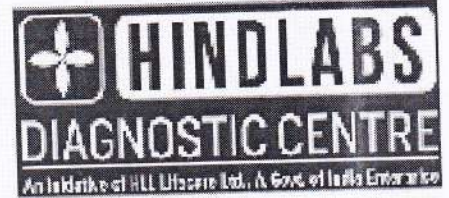
M.B.B.S, D.P.B PATH





# महालॅब्स

महाराष्ट्र शासनाची लिथुनक प्रयोगशाळा चाचण्या निदान योजना



ID No. : 23P03170000792



HINDLABS KALLAMB

Name : BABAN KALE

Age/Sex : 39 Year / Male

Ref. By Dr. : Phc Anala

Reg.Date/Time : 30/03/2019 15:17:17

Facility Name : Anala IPHS(24X7)

Client Name : NHM

## COMPLETE BLOOD COUNT

Investigation	Result	Units	Bio. Ref. Interval
Haemoglobin (Hb)	: 12.2	gm/dl	12.6 - 17.1
Total RBC Count	: 4.31	Million /Cumm	4.2 - 5.4
PCV	: 35.9	%	35.0 - 50.0
MCV	: 83.3	fl	78 - 97
MCH	: 28.3	pg	27 - 32
MCHC	: 33.9	gm/dl	31 - 36
RDW-CV	: 11.9	%	12.1 - 14.0
Total Leucocyte Count(TLC)	: 4900	Cells/Cumm	4000 - 11000
<b>DIFFERENTIAL COUNT</b>			
Polymorphs	: 58	%	42 - 74
Lymphocytes	: 37	%	18 - 45
Monocytes	: 03	%	2 - 10
Eosinophils	: 02	%	1 - 6
Basophils	: 00	%	0 - 2
Platelet Count	: 3.60	Lakhs/Cumm	1.5 - 4.5

Method: Whole Blood, Fully automated Hematology analyzer.

Hb: Cyanmeth method, Total WBC: Impedence, Diff count: Microscope examination of stained smear.RBC: Impedence

HCT,MCV,MCHC,RDW-CV calculated. Platelets: Impedence Method

--End Of Report--

Dr. Ashwini Gore

M.B.B.S, D.P.B PATH



# महालॅब्स

महाराष्ट्र शासनाची लिग्युन्क प्रयोगशाळा चाचण्या निराण योजना



ID No. : 23P03170000791



HINDLABS KALLAMB

Name : SANGITA DESHMANE

Age/Sex : 35 Year / Female

Ref. By Dr. : Phc Anala

Reg.Date/Time : 30/03/2019 15:17:12

Facility Name : Anala IPHS(24X7)

Client Name : NHM

## COMPLETE BLOOD COUNT

Investigation	Result	Units	Bio. Ref. Interval
Haemoglobin (Hb)	: 12.7	gm/dl	11.0 - 15.0
Total RBC Count	: 4.44	Million /Cumm	4.2 - 5.4
PCV	: 36.8	%	35.0 - 50.0
MCV	: 83.3	fl	70 - 96
MCH	: 28.6	pg	27 - 32
MCHC	: 34.5	gm/dl	30 - 35
RDW-CV	: 12.3	%	12.1 - 14.0
Total Leucocyte Count(TLC)	: 5900	Cells/Cumm	4000 - 11000
<b>DIFFERENTIAL COUNT</b>			
Polymorphs	: 74	%	45 - 75
Lymphocytes	: 21	%	18 - 45
Monocytes	: 03	%	2 - 9
Eosinophils	: 02	%	1 - 6
Basophils	: 00	%	0 - 2
Platelet Count	: 3.51	Lakhs/Cumm	1.5 - 4.5

Method: Whole Blood, Fully automated Hematology analyzer.

Hb: Cyanmeth method, Total WBC: Impedence, Diff count: Microscope examination of stained smear.RBC: Impedence

HCT,MCV,MCHC,RDW-CV calculated. Platelets: Impedence Method

**—End Of Report—**

Dr. Ashwini Gore

M.B.B.S, D.P.B PATH





# महालॅब्स

महाराष्ट्र शासनाची निशुल्क प्रयोगशाळा चाचण्या निवाला योजना



ID No. : 23P03170000790



HINDLABS KALLAMB

Name : SAGAR BANKAR

Age/Sex : 20 Year / Male

Ref. By Dr. : Phc Anala

Reg.Date/Time : 30/03/2019 15:17:10

Facility Name : Anala IPHS(24X7)

Client Name : NHM

## COMPLETE BLOOD COUNT

Investigation	Result	Units	Bio. Ref. Interval
Haemoglobin (Hb)	: 12.4	gm/dl	12.6 - 17.1
Total RBC Count	: 4.33	Million /Cumm	4.2 - 5.4
PCV	: 36.7	%	35.0 - 50.0
MCV	: 84.8	fl	78 - 97
MCH	: 28.6	pg	27 - 32
MCHC	: 33.7	gm/dl	31 - 36
RDW-CV	: 12.3	%	12.1 - 14.0
Total Leucocyte Count(TLC)	: 5200	Cells/Cumm	4000 - 11000
<b>DIFFERENTIAL COUNT</b>			
Polymorphs	: 77	%	42 - 74
Lymphocytes	: 17	%	18 - 45
Monocytes	: 04	%	2 - 10
Eosinophils	: 02	%	1 - 6
Basophils	: 00	%	0 - 2
Platelet Count	: 4.66	Lakhs/Cumm	1.5 - 4.5

Method: Whole Blood, Fully automated Hematology analyzer.

Hb: Cyanmeth method, Total WBC: Impedence, Diff count: Microscope examination of stained smear.RBC: Impedence

HCT,MCV,MCHC,RDW-CV calculated. Platelets: Impedence Method

--End Of Report--

Dr. Ashwini Gore

M.B.B.S, D.P.B PATH



# महालॅब्स

महाराष्ट्र शासनाची लिथुनिक प्रयोगशाळा चाचण्या निदान योजना



ID No. : 23P03170000788



HINDLABS KALLAMB

Name : AMRUTA BHAGDE

Age/Sex : 16 Year / Female

Ref. By Dr. : Phc Anala

Reg.Date/Time : 30/03/2019 15:16:56

Facility Name : Anala IPHS(24X7)

Client Name : NHM

## COMPLETE BLOOD COUNT

Investigation	Result	Units	Bio. Ref. Interval
Haemoglobin (Hb)	: 11.3	gm/dl	11.0 - 15.0
Total RBC Count	: 4.15	Million /Cumm	4.2 - 5.4
PCV	: 33.4	%	35.0 - 50.0
MCV	: 80.6	fl	70 - 96
MCH	: 27.2	pg	27 - 32
MCHC	: 33.8	gm/dl	30 - 35
RDW-CV	: 14.2	%	12.1 - 14.0
Total Leucocyte Count(TLC)	: 3600	Cells/Cumm	4000 - 11000
<b>DIFFERENTIAL COUNT</b>			
Polymorphs	: 77	%	45 - 75
Lymphocytes	: 17	%	18 - 45
Monocytes	: 04	%	2 - 9
Eosinophils	: 02	%	1 - 6
Basophils	: 00	%	0 - 2
Platelet Count	: 2.92	Lakhs/Cumm	1.5 - 4.5

Method: Whole Blood, Fully automated Hematology analyzer.

Hb: Cyanmeth method, Total WBC: Impedence, Diff count: Microscope examination of stained smear.RBC: Impedence

HCT,MCV,MCHC,RDW-CV calculated. Platelets: Impedence Method

--End Of Report--

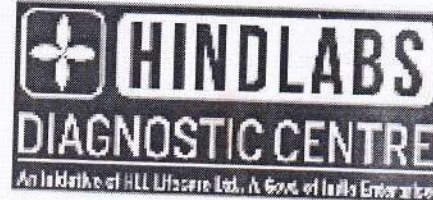
Dr. Ashwini Gore

M.B.B.S. D.P.B PATH





# महालॅब्स



ID No. : 23P03170000787



HINDLABS KALLAM

Name : BALASAHEB DHUMAL

Age/Sex : 48 Year / Male

Ref. By Dr. : Phc Anala

Reg.Date/Time : 30/03/2019 15:16:52

Facility Name : Anala IPHS(24X7)

Client Name : NHM

## COMPLETE BLOOD COUNT

Investigation	Result	Units	Bio. Ref. Interval
Haemoglobin (Hb)	: 11.6	gm/dl	13.0 - 17.0
Total RBC Count	: 4.18	Million /Cumm	4.2 - 5.4
PCV	: 33.9	%	35.0 - 50.0
MCV	: 81.2	fl	77 - 99
MCH	: 27.7	pg	27 - 32
MCHC	: 34.2	gm/dl	31 - 36
RDW-CV	: 13.5	%	12.1 - 14.0
Total Leucocyte Count(TLC)	: 4600	Cells/Cumm	4000 - 11000
<b>DIFFERENTIAL COUNT</b>			
Polymorphs	: 71	%	42 - 74
Lymphocytes	: 23	%	18 - 45
Monocytes	: 04	%	2 - 10
Eosinophils	: 02	%	1 - 6
Basophils	: 00	%	0 - 2
Platelet Count	: 2.66	Lakhs/Cumm	1.5 - 4.5

Method: Whole Blood, Fully automated Hematology analyzer.

Hb: Cyanmeth method, Total WBC: Impedence, Diff count: Microscope examination of stained smear.RBC: Impedence

HCT,MCV,MCHC,RDW-CV calculated. Platelets: Impedence Method

--End Of Report--

Dr. Ashwini Gore

MBBS, D.D.PATH



# महालंक्स



**HINDLABS**  
DIAGNOSTIC CENTRE  
An Initiative of HLL Lifecare Ltd. & Govt. of India Enterprises

ID No. : 23P03170000785

Name : RUKMINI NIMBALKAR

Ref. By Dr. : Phc Anala

Facility Name : Anala IPHS(24X7)

Age/Sex : 40 Year / Female

Reg.Date/Time : 30/03/2019 15:16:16

Client Name : NHM

HINDLABS KALLAMB

## COMPLETE BLOOD COUNT

Investigation	Result	Units	Bio. Ref. Interval
Haemoglobin (Hb)	: 12.0	gm/dl	11.0 - 15.0
Total RBC Count	: 4.45	Million /Cumm	4.2 - 5.4
PCV	: 34.4	%	35.0 - 50.0
MCV	: 77.4	fl	70 - 96
MCH	: 26.9	pg	27 - 32
MCHC	: 34.8	gm/dl	30 - 35
RDW-CV	: 12.2	%	12.1 - 14.0
Total Leucocyte Count(TLC)	: 4500	Cells/Cumm	4000 - 11000
<b>DIFFERENTIAL COUNT</b>			
Polymorphs	: 65	%	45 - 75
Lymphocytes	: 31	%	18 - 45
Monocytes	: 02	%	2 - 9
Eosinophils	: 02	%	1 - 6
Basophils	: 00	%	0 - 2
Platelet Count	: 2.62	Lakhs/Cumm	1.5 - 4.5

Method: Whole Blood, Fully automated Hematology analyzer.

Hb: Cyanmeth method, Total WBC: Impedence, Diff count: Microscope examination of stained smear.RBC: Impedence

HCT,MCV,MCHC,RDW-CV calculated. Platelets: Impedence Method

--End Of Report--

Dr. Ashwini Gore





# महालॅब्स

महाराष्ट्र शासनाची निशुल्क प्रयोगशाळा चाचण्या निवाला योजना



ID No. : 23P03170000784



HINDLABS KALLAMB

Name : ANJAALI GAIKWAD

Age/Sex : 28 Year / Female

Ref. By Dr. : Phe Anala

Reg.Date/Time : 30/03/2019 15:16:10

Facility Name : Anala IPHS(24X7)

Client Name : NHM

## COMPLETE BLOOD COUNT

Investigation	Result	Units	Bio. Ref. Interval
Haemoglobin (Hb)	: 10.1	gm/dl	11.0 - 15.0
Total RBC Count	: 4.89	Million /Cumm	4.2 - 5.4
PCV	: 32.5	%	35.0 - 50.0
MCV	: 66.5	fl	70 - 96
MCH	: 20.6	pg	27 - 32
MCHC	: 31.2	gm/dl	30 - 35
RDW-CV	: 15.7	%	12.1 - 14.0
Total Leucocyte Count(TLC)	: 2900	Cells/Cumm	4000 - 11000
<b>DIFFERENTIAL COUNT</b>			
Polymorphs	: 85	%	45 - 75
Lymphocytes	: 10	%	18 - 45
Monocytes	: 03	%	2 - 9
Eosinophils	: 02	%	1 - 6
Basophils	: 00	%	0 - 2
Platelet Count	: 3.19	Lakhs/Cumm	1.5 - 4.5

Method: Whole Blood, Fully automated Hematology analyzer.

Hb: Cyanmeth method, Total WBC: Impedence, Diff count: Microscope examination of stained smear.RBC: Impedence

HCT,MCV,MCHC,RDW-CV calculated. Platelets: Impedence Method

--End Of Report--

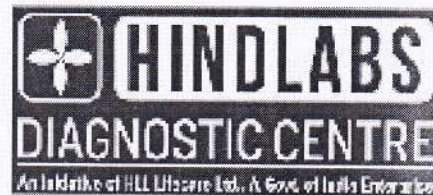
Dr. Ashwini Gore

MBBS, D.P.B.PATH



# महालंक्स

महाराष्ट्र शासनाची निशुल्क प्रयोगशाळा चाचण्या निव्वल योजना



ID No. : 23P03170000783



HINDLABS KALLAMB

Name : ASHWINI VALGUDE

Age/Sex : 22 Year / Female

Ref. By Dr. : Phc Anala

Reg.Date/Time : 30/03/2019 15:12:35

Facility Name : Anala IPHS(24X7)

Client Name : NHM

## COMPLETE BLOOD COUNT

Investigation	Result	Units	Bio. Ref. Interval
Haemoglobin (Hb)	: 11.8	gm/dl	11.0 - 15.0
Total RBC Count	: 4.28	Million /Cumm	4.2 - 5.4
PCV	: 34.7	%	35.0 - 50.0
MCV	: 81.2	fl	70 - 96
MCH	: 27.5	pg	27 - 32
MCHC	: 34.2	gm/dl	30 - 35
RDW-CV	: 11.2	%	12.1 - 14.0
Total Leucocyte Count(TLC)	: 3000	Cells/Cumm	4000 - 11000
<b>DIFFERENTIAL COUNT</b>			
Polymorphs	: 64	%	45 - 75
Lymphocytes	: 30	%	18 - 45
Monocytes	: 04	%	2 - 9
Eosinophils	: 02	%	1 - 6
Basophils	: 00	%	0 - 2
Platelet Count	: 2.40	Lakhs/Cumm	1.5 - 4.5

Method: Whole Blood, Fully automated Hematology analyzer.

Hb: Cyanmeth method, Total WBC: Impedence, Diff count: Microscope examination of stained smear.RBC: Impedence

HCT,MCV,MCHC,RDW-CV calculated. Platelets: Impedence Method

**--End Of Report--**

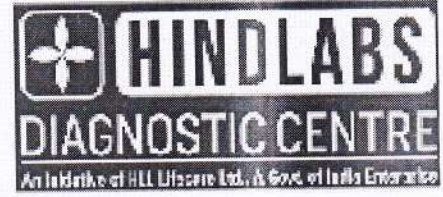
Dr. Ashwini Gore

M.B.B.S. D.P.B PATH



# महालॅब्स

महाराष्ट्र शासनाची निशुल्क प्रयोगशाळा चाचण्या निराला योजना



ID No. : 20P03170390781



HINDLABS KALLAMB

Name : ANJALI CHAVAN

Age/Sex : 30 Year / Female

Ref. By Dr. : Phc Anala

Reg.Date/Time : 30/03/2019 15:11:50

Facility Name : Anala IPHS(24X7)

Client Name : NHM

## COMPLETE BLOOD COUNT

Investigation	Result	Units	Bio. Ref. Interval
Haemoglobin (Hb)	: 11.7	gm/dl	11.0 - 15.0
Total RBC Count	: 4.25	Million /Cumm	4.2 - 5.4
PCV	: 35.6	%	35.0 - 50.0
MCV	: 75.6	fl	70 - 96
MCH	: 28.6	pg	27 - 32
MCHC	: 13.6	gm/dl	30 - 35
RDW-CV	: 12.5	%	12.1 - 14.0
Total Leucocyte Count(TLC)	: 4800	Cells/Cumm	4000 - 11000
<b>DIFFERENTIAL COUNT</b>			
Polymorphs	: 50	%	45 - 75
Lymphocytes	: 43	%	18 - 45
Monocytes	: 04	%	2 - 9
Eosinophils	: 03	%	1 - 6
Basophils	: 00	%	0 - 2
Platelet Count	: 2.59	Lakhs/Cumm	1.5 - 4.5

Method: Whole Blood, Fully automated Hematology analyzer.

Hb: Cyanmeth method, Total WBC: Impedence, Diff count: Microscope examination of stained smear.RBC: Impedence

HCT,MCV,MCHC,RDW-CV calculated. Platelets: Impedence Method

--End Of Report--

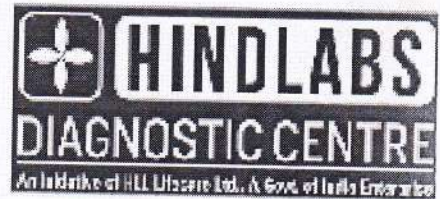
Dr. Ashwini Gore

M.B.B.S, D.P.B PATH





# महालॅब्स



ID No. : 23P03170000780



HINDLABS KALLAMB

Name : GAHININATH SURYAWANSHI

Age/Sex : 40 Year / Male

Ref. By Dr. : Phc Anala

Reg.Date/Time : 30/03/2019 15:11:40

Facility Name : Anala IPHS(24X7)

Client Name : NHM

## COMPLETE BLOOD COUNT

Investigation	Result	Units	Bio. Ref. Interval
Haemoglobin (Hb)	: 14.0	gm/dl	12.6 - 17.1
Total RBC Count	: 4.74	Million /Cumm	4.2 - 5.4
PCV	: 39.9	%	35.0 - 50.0
MCV	: 84.2	fl	78 - 97
MCH	: 29.5	pg	27 - 32
MCHC	: 35.2	gm/dl	31 - 36
RDW-CV	: 11.8	%	12.1 - 14.0
Total Leucocyte Count(TLC)	: 4000	Cells/Cumm	4000 - 11000
<b>DIFFERENTIAL COUNT</b>			
Polymorphs	: 82	%	42 - 74
Lymphocytes	: 13	%	18 - 45
Monocytes	: 03	%	2 - 10
Eosinophils	: 02	%	1 - 6
Basophils	: 00	%	0 - 2
Platelet Count	: 2.79	Lakhs/Cumm	1.5 - 4.5

Method: Whole Blood, Fully automated Hematology analyzer.

Hb: Cyanmeth method, Total WBC: Impedence, Diff count: Microscope examination of stained smear. RBC: Impedence

HCT, MCV, MCHC, RDW-CV calculated. Platelets: Impedence Method

--End Of Report--

Dr. Ashwini Gore

M.B.B.S D.P.B.PATH

# **Annexure – VIII**

## **(Photographs of CSR Activities)**

## PHOTOGRAPHS SHOWING CSR ACTIVITIES





# **Annexure – IX**

**(Copy of Environment Statement- Form-V)**



# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## FORM V

Environmental Audit Report for the financial Year ending the 31st March 2020

### Unique Application Number

MPCB-ENVIRONMENT\_STATEMENT-0000025545

### Submitted Date

07-09-2020

### Company Information

#### Company Name

Bhairavnath Sugar Works  
Ltd.(Distillery Division),Sonari.Tq.  
Paranda Dist.Osmanabad.

#### Application UAN number

0000076116

#### Address

A/P. Sonari Tal. Paranda Dist.  
Maharashtra.

#### Plot no

Gat no. S-68/62/63/65/66&69  
Shivajinagar,(Sonari).

#### Taluka

Paranda

#### Village

Sonari.

#### Capital Investment (In lakhs)

4312

#### Scale

LSI

#### City

Osmanabad

#### Pincode

413505

#### Person Name

Dhananjay U. Sawant

#### Designation

Managing Director

#### Telephone Number

9604003032

#### Fax Number

02477-234055

#### Email

bhairavnathsugar@gmail.com

#### Region

SRO-Latur

#### Industry Category

Orange

#### Industry Type

O27 Fermentation industry including  
manufacture of yeast, beer, distillation  
of alcohol (Extra Neutral Alcohol)

#### Last Environmental statement submitted online

yes

#### Consent Number

Format1.0/CAC/UAN No. MPCB-  
CONSENT-0000076116/CR-200100574

#### Consent Issue Date

07/01/2020

#### Consent Valid Upto

31.08.2020

### Product Information

#### Product Name

Rectified Spirit (RS)

#### Consent Quantity

8100

#### Actual Quantity

7919.640

#### UOM

KL/A

Extra Neutral Alcohol (ENA)

8100

663.549

KL/A

Ethanol

7560

7259.273

KL/A

### By-product Information

#### By Product Name

Fusel Oil

#### Consent Quantity

54

#### Actual Quantity

00

#### UOM

KL/A

Bio-compost

19606

8790

MT/A

### 1) Water Consumption in m3/day

#### Water Consumption for

#### Consent Quantity in m3/day

#### Actual Quantity in m3/day

<b>Process</b>	250	110+140 (CPU recycle)=250
<b>Cooling</b>	210	150+60 (cpu recycle)=210
<b>Domestic</b>	50	10
<b>All others</b>	200	00
<b>Total</b>	615	270(actul)+200 recycle=270

#### 1) Effluent Generation in CMD / MLD

<b>Particulars</b>	<b>Consent Quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
Trade effluent	240	240	CMD
Domestic	10	05	CMD

#### 2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)

<b>Name of Products (Production)</b>	<b>During the Previous financial Year</b>	<b>During the current Financial year</b>	<b>UOM</b>
Rs &ENA	9	9	CMD

#### 3) Raw Material Consumption (Consumption of raw material per unit of product)

<b>Name of Raw Materials</b>	<b>During the Previous financial Year</b>	<b>During the current Financial year</b>	<b>UOM</b>
Molasses	30459.808	31870	MT/A
Urea	5.0	0.45	MT/A
DAP	2.4	0.15	MT/A
TRO	50.700	76.100	MT/A

#### 4) Fuel Consumption

<b>Fuel Name</b>	<b>Consent quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
Baggase	172800	13622	MT/A
Bio gas	--	3428	MT/A

#### Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)

##### [A] Water

<b>Pollutants Detail</b>	<b>Quantity of Pollutants discharged (kL/day) Quantity</b>	<b>Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour Concentration</b>	<b>Percentage of variation from prescribed standards with reasons %variation</b>	<b>Standard</b>	<b>Reason</b>
PH	--	--	--	5.5-9.0	--
O&G	--	--	--	10	--
BOD 3 days.	--	--	--	100	--
Sulphate	--	--	--	1000	--
SS	--	--	--	100	--
TDS	--	--	--	2100	--
COD	--	--	--	250	--
Chloride	--	--	--	600	--

##### [B] Air (Stack)

<b>Pollutants Detail</b>	<b>Quantity of Pollutants discharged (kL/day)</b>	<b>Concentration of Pollutants discharged(Mg/NM3)</b>	<b>Percentage of variation from prescribed standards with reasons</b>
--------------------------	---	---	---



	Quantity	Concentration	%variation	Standard	Reason
SPM	--	--	--	150	--

#### HAZARDOUS WASTES

##### 1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	NA	00	MT/A

##### 2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	00	00	MT/A

#### SOLID WASTES

##### 1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Fly ash Boiler ash	1145	1300	MT/A
Press-mud	11066	10900	MT/A

##### 2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
ETP sludge	13	12	MT/A

##### 3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	00	00	MT/A

Please specify the characteristics(in terms of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

##### 1) Hazardous Waste

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
5.1 Used or spent oil	00	MT/A	NA

##### 2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
NA	NA	MT/A	NA

Impact of the pollution Control measures taken on conservation of natural resources and consequently on the cost of production.

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)	Reduction in Power Consumption (KWH)	Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
NA	NA	NA	NA	NA	NA	NA

Additional measures/investment proposal for environmental protection abatement of pollution, prevention of pollution.

##### [A] Investment made during the period of Environmental Statement

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
ESP,Wet Scrubber,ETP & CPU,biodigester.	Provided	2100

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
NA	NA	NA

Any other particulars in respect of environmental protection and abatement of pollution.

Particulars

--

Name & Designation

Deshmukh R.P. (General Manager)

# **Annexure – X**

## **(Copy of Newspaper Advertisement)**



## PUBLIC NOTICE

WE ARE PLEASED TO INFORM THAT 'MINISTRY OF ENVIRONMENT FOREST AND CLIMATE CHANGE (MoEFCC)', NEW DELHI HAS ACCORDED AN "ENVIRONMENTAL CLEARANCE" VIDE ITS LETTER NO.1- 11011/705/2008-1A II (1) DATED 05.10.2010 FOR ESTABLISHMENT OF MOLASSES BASED DISTILLERY 30 KLPD BY "M/S. BHAIRAVNATH SUGARWORKS LIMITED." LOCATED AT VILLAGE SONARI, TAL.: PARANDA, DIST.: OSMANABAD, MAHARASHTRA. COPIES OF THE CLEARANCE LETTER ARE AVAILABLE WITH THE MINISTRY OF ENVIRONMENT FOREST AND CLIMATE CHANGE (MoEFCC), NEW DELHI, AT.

<http://parivesh.nic.in>  
FOR 'Bhairavnath Sugar Works Ltd, Sonari, Tal.Paranda Director

## जाहीर निवेदन

आम्हाला कळविण्यास आनंद होतो की, ("MoEFCC") पर्यावरण वन व हवामान बदल मंत्रालय" भारत सरकार नवी दिल्ली यांच्या दि. ०५.१०.२०१० रोजीच्या पत्र, क्र. J-11011/705/2008-1A II (I) द्वारे, भैरवनाथ शुगर वर्क्स लि. यांच्या मु.पो. सोनारी, ता. परंडा, जि. उस्मानाबाद महाराष्ट्र येथील प्रस्तावित ३० किलो लिटर प्रतिदिन आसवनी प्रकल्पास पर्यावरण स्वीकृती मिळाली आहे.

संबंधित कागदपत्रांच्या प्रती महाराष्ट्र प्रदूषण नियंत्रण मंडळ, कारखाना आणि पर्यावरण, वने व हवामान बदल मंत्रालयाच्या खालील संकेतस्थळावर उपलब्ध आहेत.

<http://parivesh.nic.in>

करीता : भैरवनाथ शुगर वर्क्स लि.  
सोनारी, ता. परंडा,  
संचालक :