

**SHRI GURUDATT SUGARS LTD., Takaliwad**

ADD.: Gat No. : 61 / A, Akiwat Takaliwadi Road, Takaliwadi Tal. - Shirol Dist - Kolhapur (MH) Pin Code : 416 1
PHONE : +91 231 2686086 FAX : +91 231 2686000 WEBSITE : www.sgsl.co.in Email : gslsugars@gmail.com

SGSL/259 /ENVI/ 635 /2016-2017

Date – September 25, 2017

To,
The Regional Officer,
Ministry of Environment, Forest & Climate Change,
Regional office (WCZ), Ground Floor, East Wing,
New Secretariat Building, Civil Lines, Nagpur.
Tel No. 0712 – 2531318
Email: moefregionalofficenagpur@gmail.com

Sub: Compliance Report of Environmental Clearance issued by MoEF & CC, New Delhi.

Ref: You're Letter No. J - 11011/41/2015-IA-II (I) Date - 20.03.2017.

Dear Sir,

With reference to the abovementioned subject and your reference cited above. Please find enclosed herewith Compliance Report of Environmental Clearance issued by MoEF & CC, New Delhi vide letter no. J - 11011/41/2015-IA-II (I) Date - 20.03.2017.

We do hope that you will find the above information satisfactory. However, if you require additional information /clarification in this regard, kindly write back, so that we shall submit the information at the earliest.

Thanking You

Yours Faithfully,

FOR, SHRI GURUDATT SUGARS LTD.,


PRESIDENT

Enclosed – Compliance Report

C.C to: 1. The Regional officer, MPC Board, Kolhapur.
2. The Sub - Regional officer, MPC Board, Kolhapur.



Shri Gurudatt Sugars Ltd.,
Gat No. 61/A, Akiwat - Takaliwadi Road , Takaliwadi - 416108, Taluka - Shirol, Dist - Kolhapur, Maharashtra

Compliance of Conditions Stipulated in environmental clearance granted to expansion of Sugar Plant (From 4900 TCD to 6000 TCD) & Co-generation Power Plant (From 15 MW to 21 MW) by MoEF & CC, New Delhi vide letter No. J - 11011/41/2015-IA-II (I) Date - 20.03.2017

EC No -	J - 11011/41/2015-IA-II (I) Date - 20.03.2017	
SR. NO.	EC Condition	Compliances
	A) Specific Condition	
1	Zero liquid Discharge System shall be ensured	<p>Modernization, without increasing either resource consumption or pollutional load is a constant endeavor and as a result, with Technological Advances carried out, we are able to ensure 'NO POLLUTIONAL LOAD INCREASE' in terms of volume or concentration of effluents, both water and air due to the abovementioned measures. This is clearly depicted in Annexure I and II attached herewith. THAT THERE IS NO CHANGE IN ANY MACHINERY CAPACITY AND THE CAPACITY INCREASE IS ACHIEVED THROUGH THE TECHNOLOGY CHANGES MENTIONED ABOVE.</p> <p style="text-align: right;">Annexure 1.</p>
2	Water requirement to be reduced at extent possible by using latest process methodology being used worldwide.	<p>Ours is the first Sugar factory in Maharashtra, wherein, we run the entire industrial activity with treated and recycled condensates, which is accrued from cane and no fresh water is utilized, for sugar factory operation. We have installed Condensate Polishing Unit (C.P.U) for sugar factory excess condensate water treatment and recycled purpose. Annexure 2</p>
3	Fly ash be generated shall be sent to nearby cement industry.	<p>The majority of fly ash is mix with press mud and sold to farmers as fertilizer forming purpose and the remaining of the small quantity is we have sold ash to brick manufactures.</p>

4	Green belt (10 m wide) of perennial plant species like Neem, Seesam, Teak etc. to be developed around the plant periphery ensuring the 33% area of the plant as green area. The forest department may be consulted in this regard.	We have already planted 3356 Nos of tree as site. And 1000 Nos tree plantation work is going on.
5	Air emissions from all point source to be controlled by latest technology instrument. The emissions shall conform to the limits imposed by Maharashtra Pollution Control Board (MPCB)	We have already installed air pollution control equipments for boiler and DG sets. The details as follow. 1. We have installed ESP for 40 TPH Boiler and WET Scrubber for 70 TPH Boiler with Bagasse Dryer Mechanism and common stack of height 65 mtr. 2. We have installed DG sets of cap.625 KVA X 02 Nos & 500 KVA with acaustic enclosure with stack of height 12 mtr & 3 mtr respectively..
6	Periodic soil and water sampling in nearby villages and water bodies to be done by the project authorities through 3rd part expert and report shall be submitted to the concerned Regional office of the Ministry.	The soil and water sampling in Takaliwadi villages carried out periodically. The report are enclosed as Annexure 3
7	RO plant of sufficient capacity to be installed in the nearby villages to ensure safe drinking water supply. Maintenance of the RO plant will be owned by the project authorities.	The RO plant installed for drinking water purpose and benefits all nearby villages.
8	Health check up camps to be organized periodically in nearby villages.	The health check up camps carried out periodically.
9	A regular environmental manager having PG qualification in environmental sciences / environmental engineering to be appointed for looking after the environmental management practices in the plant.	We have already recruit Environmental Engineer having PG Qualification with full fledged division of Environmental Management, wherein, all our Environmental management Plants are monitored on daily basis, along with requisite analysis carried out in our laboratory by trained chemists.

10	Automatic/ online monitoring system (24*7 monitoring devices) for flow measurement and relevant pollutants in the treatment system to be installed. The data to be made available to the respective SPCB and in the Company's website.	We have already installed and completed the connectivity to CPCB / MPCB server of online monitoring system of ETP outlet water parameter (Flow, PH, TSS, COD & BOD) & Boiler stack (SPM /TPM) . The continuous monitoring results of ETP outlet water parameter & boiler stack emission depict that we are achieving norms stipulated by MPCB on a continuous time basis. The photo of instrument is attached as Annexure 4.
B) General Conditions:		
1	The project authorities must strictly adhere to the stipulations made by the Maharashtra Pollution Control Board, State Government and any other statutory authority.	PA agreed to comply with
2	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change. In case of deviations or alteration 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 environment protection measures required, if any.	PA agreed to comply with
3	The locations of ambient air quality monitoring stations shall be decided in consultation with the State Pollution Control Board (SPCB) 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 concentration are anticipated.	Complied. Ambient air quality monitoring is being carried out at three (03) locations within the plant. PA submitted that the locations were decided in consultation with MPCB. As per the monitoring data, the ambient air quality levels found to be within prescribed limits.
4	The National ambient air quality emission standards issued by the ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be followed.	Complied. Acoustic enclosures have been provided. Green belt has been developed around the plant area.

5	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 levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time)	Complied. As per the monitoring data, the noise levels found to be within stipulated limits. The copy is enclosed as Annexure 5 .
6	The company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground and use the same water for the process activities of the project to conserve fresh water.	Roof top harvesting has been provided for the sugar godowns. Two collection pits of capacities 2100 cu.m. and 1600 cu.m. have been provided for the storage of rain water.
7	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examination for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.	Complied. Raw material and finished product are solids. Major spillage of materials is not envisaged. Personnel protective equipment has been provided to workers. The report is enclosed as Annexure 6 .
8	The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management and risk mitigation measures relating to the project shall be implemented.	E.S.P & Wet scrubber with a stack of height 65 m has been provided. Effluent treatment plant has been provided. Treated effluent is used in the seed farms of the industry also supplied to the agriculture fields of farmers of nearby villages upon prior request from farmers. Green belt has been provided. Environmental quality monitoring is being carried out. CSR works are being undertaken. Vermi composting is being carried out with the waste generated in the cane yard. Compost is being supplied to the farmers.
9	The company shall undertake all relevant measures for improving the socioeconomic conditions of the surrounding area. CSR activities shall be undertaken by involving local villages and administration.	Complied.
10	The company shall undertake eco-development measures including community welfare measures in the project area for the overall improvement of the environment.	Being complied. As per the details provided, PA distributed 500nos trees to farmers of nearby villagers under eco-development measures.
11	A separate Environmental Management Cell equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.	Complied. Environmental management cell has been established.

12	The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and climate change as well as the State Government along with the implementation schedule for all the condition stipulated herein. The funds so earmarked for environment management / pollution control measures shall not be diverted for any other purpose.	Complied. As per the details provided, PA earmarked an amount of 11.5 cores towards capital expenditure and Rs. 3.48 cores towards recurring expenditure for environmental protection measures.
13	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad / Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestion / representations, if any, were received while processing the proposal.	Copy of the environmental clearance submitted to Zilla Parishad, Kolhapur and Gram Panchayat, Takaliwadi on 27.03.2017, The copy is enclosed as Annexure 7 .
14	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including result of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF & CC, the respective Zonal office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status reports shall be posted on the website of the company.	Complied. However same has been uploaded to the company website.
15	The environmental statement for each financial year ending 31th March in Form-V as is mandated shall be submitted to the concerned State 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 & CC by e-mail.	Completed. Environment statement for the FY 2016-17 submitted to MPCB vide letter dated 04.04.2017; however the same was uploaded to the company website.

16	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 SPCB / Committee and may also be seen at Website of the Ministry at http://moef.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 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.	Advertisement regarding to grant of EC was made on 31.03.2017. The copy is enclosed as Annexure 8 .
17	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.	PA agreed to comply with.
18	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	PA agreed to comply with.
19	The Ministry reserve the right to stipulate additional conditions, if found necessary. The company in a time bound manner will implement these conditions.	PA agreed to comply with.
20	The above conditions will be enforced, inter alia under the provisions of the Water (Prevention and Control of Pollution) Act, 1974, Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Waste (Management, Handling and Trans-boundary Movement) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules.	PA agreed to comply with.

Shri Gurudatt Sugars Ltd., Takaliwadi

ANNEXURE - 1

- 1) The increase in capacity of Sugarcane crushing from 4900 TCD to 6000 TCD is not an expansion in true sense and this is TO CATER FOR REQUIREMENT TO INCREASE CRUSHING BY 10-15% DUE TO CANE HARVESTING REQUIRED TO BE CARRIED OUT AS PER MATURITY, as otherwise there is sugar loss.
 - A) Modernization, **without increasing either resource consumption or pollutional load** is a constant endeavor and as a result, with Technological Advances carried out, we are able to ensure **'NO POLLUTIONAL LOAD INCREASE'** in terms of volume or concentration of effluents, both water and air due to the abovementioned measures. This is clearly depicted in Annexure I and II attached herewith. THAT THERE IS NO CHANGE IN ANY MACHINERY CAPACITY AND THE CAPACITY INCREASE IS ACHIEVED THROUGH THE TECHNOLOGY CHANGES MENTIONED ABOVE.
 - B) DUE TO MEASURES TAKEN FOR CONSERVATION OF RESOURCES, NO INCREASE IN WATER OR FUEL CONSUMPTION IS WARRANTED, THEREBY ACHIEVING ZERO DISCHARGE TECHNICALLY FOR THE EXPANSION MODE.

The salient points of our efforts in above direction are:

- i) Ours is the **first Sugar factory in Maharashtra**, wherein, we run the entire industrial activity with treated and recycled condensates, which is accrued from cane and **no fresh water is utilized**, for sugar factory operation. As given in Annexure I, the same condition prevails for additional capacity as well, wherein, we are not required to consume any raw water, and therefore, there is no effluent generation from the same.
 - ii) We also have installed Bagasse drying mechanism, with waste heat from flue gas, thus minimizing consumption of Bagasse for combustion, thereby effectively reducing the emissions at source itself. We have also taken various measures as given in Annexure II, which depict the sembalance of fuel consumption and therefore there is no air emission increase in this respect.
- 2) We have provided a full fledged Effluent Treatment Plant and operating the same with due vigil. Analysis of the treatment efficiency is a routine and corrective measures are taken immediately.
- 3) We have taken care that no untreated/ treated effluent from factory enters any water course and all the treated effluent is utilized on our own Land for Cane seed Plantation Irrigation, employing scientific practices.
- 4) We have a full fledged division of Environmental Management, wherein, all our Environmental management Plants are monitored on daily basis, along with requisite analysis carried out in our laboratory by trained chemists. We also have installed 'Online Monitoring Systems for Water and Air Pollution Control System monitoring, as per stipulations in this regard.

The above measures have resulted in waste generation minimization, and it implies that there is 'zero increase in pollutional load', due to the measures taken above.

ANNEXURE I

WATER BUDGET FOR EXISTING AND PROPOSED CAPACITY AFTER MODERNISATION AT SHRI GURUDATT SUGARS LTD

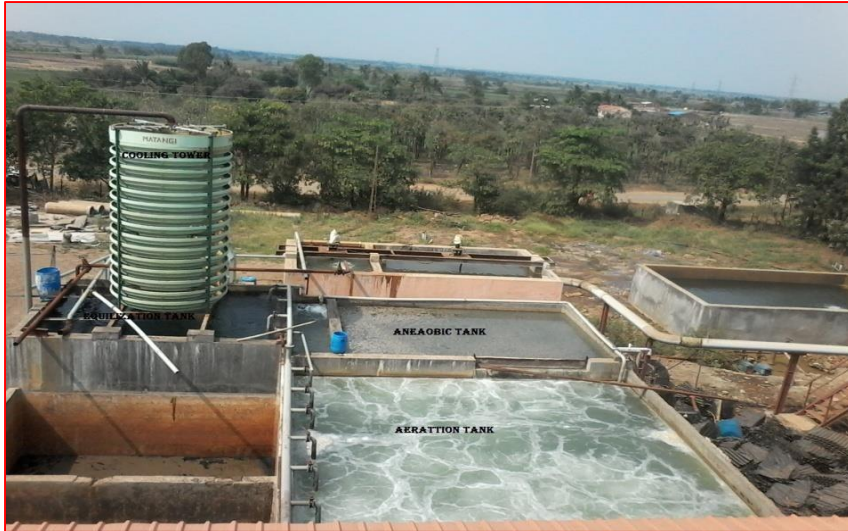
EXISTING 4900 TCD,15 MW					ADDITIONAL 1100 TCD,6 MW				
PURPOSE	INPUT	Purpose	LOSSES	EFFLUENT	PURPOSE	INPUT	Purpose	LOSSES	EFFLUENT
	Cum/d		Cum/d	Cum/d		Cum/d		Cum/d	Cum/d
Water in Cane	3430	Bagasse	686		Water in Cane	770	Bagasse	154	
Imbibition	1470	Mollasses	98		Imbibition	330	Mollasses	22	
Washings	470	Press mud	98	470	Washings (No New Machine)	0	Pressmud	22	0
		(Evaporation & Cooling Loss)	500				Evaporation & Cooling Loss)	100	
Total	5370		1382	470	Total	1100		298	
Condensate	3518	Imbibition	1470		Condensate	798	Imbibition	330	
		Other use	686				Other use	154	
		Washing	470				Washing	0	
Total Internal Use			2626		Total Internal Use			484	

Excess Condensate			892		Excess Condensate			314	
Treated Condensate		Utilization	Cum/d						
		Co-Gen Make-up	450				Co-Gen Make-up	0 (As Back Pressure Turbine added does not require cooling Tower)	
		Cooling Circuit Make up	120				Cooling Circuit Make up	24	
		Excess to Other Applications	322				Excess to Other Applications	296	

ANNEXURE II-EFFICIENCY INCREASE IN CO-GENERATION DUE TO IMPROVED TECHNOLOGY

PARAMETER	EARLIER CONDITION	IMPROVEMENT	IMPACT ON % EFFICIENCY INCREASE
BOILER TPH	70+40	70+40	Nil , Since No Change
Max.Working Steam Consumption	85	104	
Bagasse Consumption	36.95	36.49	Nil , Since No Change
I) STEAM TEMPERATURE INCREASE DUE TO SUPERHEATER MODIFICATION			
A)Steam temperature (°c)	420	500	Positive, as Power Generation Shall Improve For The Same Steam Quantity
B) Enthalpy	777.15	821.79	5.7%
II) BAGASSE MOISTURE REDUCTION DUE TO IMPROVED MILL SETTING			
A) Bagasse Moisture	50	47	
B) Enthalpy	2273.84	2411.84	6.1%
III) BAGASSE DRYING MECHANISM BASED ON FLUE GAS			
A) Bagasse Moisture	47	40	
B) Enthalpy	2411.84	2691.80	11.6%
	TOTAL INCREASE IN EFFICIENCY		23.4%

Condensate Polishing Unit



**GREEN ENVIROSAFE**

Engineers & Consultant Pvt Ltd.

Survey No-1405/06, Mayuri Residency, Shop No-16, 2nd Floor, Sanaswadi, Tal-Shirur, Pune-412208.

Mob-+91 9545084620 | E-mail:gesec12@gmail.com | www.greenenvirosafe.com

CIN No. : U74900PN2013PTC149666

Recognised by Ministry of Environment, Forest & Climate Change (MoEF) Govt. of India and ISO 9001 : 2008, ISO 14001: 2004 and OHSAS 18001 : 2007 Certified company.

GESEC

TEST CERTIFICATE

Report No: GESEC /PRO/2017-18/10/113	Date of Report	09/10/2017
Client Name and Address: : M/s. Shree Gurudatta Sugars Ltd. At/post – Takaliwadi, Tal- Shirol, Dist – Kolhapur, Maharashtra.	Date of Sampling	02/10/2017
	Start Date of Analysis	03/10/2017
	End Date of Analysis	09/10/2017
	Sample Details	Ground Water Sample (Takaliwadi).
	Nature of sample	Liquid
Sample Collected By	GESEC	

WATER ANALYSIS REPORT

Sr. No.	Parameter	Result	Unit(s)	Standard Method
01	pH	7.1	-	IS – 3025(Part 11)-1983 R–2012
02	B.O.D. -3 DAYS -27° C	8.2	mg/lit of O ₂	IS – 3025(Part 44)-1993 R–2009
03	C.O.D.	32.0	mg/lit	IS – 3025(Part 58)-2006 R–2012
04	Total Suspended Solids	18.0	mg/lit	IS – 3025(Part 17)-1984 R–2012
05	Chlorides As Cl	188	mg/lit	IS – 3025 (Part 32)
06	Sulphates As SO ₄	152	mg/lit	IS – 3025(Part 24)-1986 R–2012
07	Total Dissolved Solids	268	mg/lit	IS – 3025(Part 16)
08	Alkalinity as CaCO ₃	62	mg/lit	IS – 3025 (Part 51)
09	Total Hardness	160	mg/lit	IS – 3025 (Part 21)
10	Turbidity	< 0.5	NTU	IS – 3025 (Part 10)
11	Magnesium as Mg	18.4	mg/lit	IS – 3025 (Part 46)
12	Nitrates As NO ₃	0.98	mg/lit	IS – 3025 (Part 10)
13	Calcium as Ca	66	mg/lit	IS – 3025 (Part 40)
14	Dissolved Oxygen	4.6	mg/lit	IS – 3025 (Part 38)-1989
15	Phosphates As PO ₄	< 0.1	mg/lit	IS – 3025 (Part 31)

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

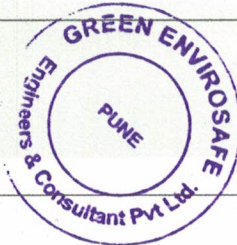
Report No: GESEC /PRO/2017-18/10/112	Date of Report	09/10/2017
Client Name and Address: : M/s. Shree Gurudatta Sugars Ltd. At/post – Takaliwadi, Tal- Shirol, Dist – Kolhapur, Maharashtra.	Date of Sampling	02/10/2017
	Start Date of Analysis	03/10/2017
	End Date of Analysis	09/10/2017
	Sample Details	(Takaliwadi).
	Nature of sample	Solid
Sample Collected By	GESEC	

SOIL ANALYSIS REPORT

Sr. No.	Parameter	Result	Unit(s)	Standard Method
01	pH (10 % Extract)	7.4	-	APHA
02	Loss On Drying	21.2	%	APHA
03	Loss On Ignition	34.6	%	APHA
04	Ammonia	Absent	mg/kg	APHA
05	Nitrogen	168	mg/kg	APHA
06	Phosphate	Absent	mg/kg	APHA
07	Cobalt	88	mg/kg	AAS
08	Nickel	23	mg/kg	AAS
09	Chloride	226	mg/kg	APHA
10	Sulphate	Absent	mg/kg	APHA
11	Cadmium	2.4	mg/kg	AAS
12	Chromium	40	mg/kg	AAS
13	Copper	76	mg/kg	AAS
14	Zinc	48	mg/kg	AAS

Remark: All results are on dry basis.

ANALYZED BY-



AUTHORIZED SIGNATORY

Terms and conditions

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- The results shown in this test report may differ based on various factors including temperature, humidity, pressure, retention time etc.
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- 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.



HEALTH & ENVIRONMENT

PAPL

PADMAJA AEROBIOLOGICALS PVT.LTD.

Public Testing Laboratory FDA Maharashtra Approved
Recognised by Ministry of Environment & Forest (MoEF)

Period - 01-05-2014 to 30-04-2019

ISO 9001 : 2008, OHSAS 18001 : 2007 CERTIFIED

CIN : U73100MH1995PTC092502

WTR-F-001

CERTIFICATE OF ANALYSIS

Report No : PAPL/EW-272/12-16

Date:- 05.01.2017

Job Ref. No : ----

Sample Ref. No. : 1217/EW-272/12-16

Name of Industry : **Shri Gurudatt Sugars Ltd.**

Address : Gate No. 61/A, Akiwat Takaliwadi Road,
Takaliwadi, Tal Shirol, Dist- Kolhapur

Name of Sample : River water

Sample Quantity : 2000 ml

Date of Collection : 29.12.2016

Sample Collected by : Shruti Envirocare

Date of Receiving : 31.12.2016

Sr. No.	Test Parameter	Result	Unit	Limit	Test Method
1	pH	7.5	---	--	IS:3025(P-11)1983
2	Total Suspended Solids	<10	mg/l	--	IS:3025(P-17)1984
3	Total Dissolved Solid	354	mg/l	--	IS:3025(P-16)1984
4	Dissolved Oxygen	06	mg/l	---	IS:3025(P-38)1989
5	Chemical Oxygen Demand	32	mg/l	--	IS:3025(P-58)2006
6	BOD 3 days 27°C	10	mg/l	--	IS:3025(P-44)1993
7	Sulphate	48	mg/l	---	IS:3025(P-24)1986
8.	Chloride	58	mg/l	---	IS:3025(P-32)1988
9.	Alkalinity	122	mg/l	---	IS: 3025(P-23)1986
10	Total Hardness	170	mg/i	---	IS:3025(P-21)1983
11	Phosphates	<0.5	mg/l	---	IS:3025(P-31)1988
12	Calcium	39	mg/l	---	IS:3025(P-40)1991
13	Nitrate	<0.1	mg/l	---	IS:3025(P-34)1988
14	Magnesium	17	mg/l	---	IS:3025(P -46)1994
15	Turbidity	7.13	NTU	---	IS:3025(P-10)1984

Remark: ----

ANALYSED BY

Abbreviations: ---

FOR PADMAJA AEROBIOLOGICALS PVT. LTD.

MPCB Reports

Maharashtra Pollution Control Board
महाराष्ट्र प्रदूषण नियंत्रण मंडळ
REGIONAL LABORATORY, CHIPLUN
(An ISO: 9001 & OHSAS: 18001 Certified Laboratory)

To,
The Sub-Regional Officer,
M.P.C. Board, Kolhapur.

Lab. Report No:- 2927
Sample Code No:- SRO/KOP/IVS/6210/15

Date of Collection:- 22/12/2015
Date of receipt:- 23/12/2015

ANALYSIS REPORT

Type of Stream	Sugar
Parameter	Result
pH	7.8
B.O.D. 3 days 27° C	20.0
C.O.D	72.0
Suspended Solid	20.0
Oil & Grease	BDL
Chloride	67.0
Sulphate	102.0
Total Dissolved Solids	640.0
Sample Collected by	Dr. R.G. Auti FO
Seal No	161

Note: - 1) All results are expressed in ppm except pH.
2) N.A. indicates Not Analysed.
3) BDL indicates Below Detectable Limit.

M/s. Shri Ananddatta Sugars Utd.
Taluka: Wadi, Tal: Shirol,
Dist: Kolhapur.
(Crop out)

(B.S. Gadhari)
Scientific officer,
Regional Laboratory, Chiplun

106,107 Parkar Complex, 1st Floor, Behind Nagar Parishad,
Taluka: Chiplun, District: Ratnagiri 415 605.
Tel: 02355 261970, Fax:-02355 261970
Email:- sochiplunlab@mpcb.gov.in ; mpcbchiplunlab@mpcb.gov.in

BSCIC **NABCB**
OHSAS 18001 REGISTERED
ISO 9001 REGISTERED

Maharashtra Pollution Control Board
महाराष्ट्र प्रदूषण नियंत्रण मंडळ
REGIONAL LABORATORY, CHIPLUN
(An ISO: 9001 & OHSAS: 18001 Certified Laboratory)

To,
The Sub-Regional Officer,
M.P.C. Board, Kolhapur

Lab. Report No:- 718
Sample Code No:- SRO/KOP/IVS/511/16

Date of Collection:- 27/03/2016
Date of receipt:- 29/03/2016

ANALYSIS REPORT

Type of industry	Sugar
Parameter	Result
pH	6.9
B.O.D. 3 days 27° C	12.0
C.O.D	56.0
Suspended Solids	20.0
Oil & Grease	BDL
Chlorides	260.0
Sulphate	48.0
Total Dissolved Solid	770.0
Sample Collected by	R.G. Auti (F.O)
Seal No	161

Note: - 1) All results are expressed in ppm except pH.
2) N.A. indicates Not Analysed.
3) BDL indicates Below Detectable Limit.

M/s. Shri Ananddatta Sugars Utd.
Taluka: Wadi, Tal: Shirol,
Dist: Kolhapur.
(Crop out)

(B.S. Gadhari)
Scientific officer,
Regional Laboratory, Chiplun

106,107 Parkar Complex, 1st Floor, Behind Nagar Parishad,
Taluka: Chiplun, District: Ratnagiri 415 605.
Tel: 02355 261970, Fax:-02355 261970
Email:- sochiplunlab@mpcb.gov.in ; mpcbchiplunlab@mpcb.gov.in

BSCIC **NABCB**
OHSAS 18001 REGISTERED
ISO 9001 REGISTERED

Shri Gurudatt Sugars Ltd., Takaliwadi

Season		2015-2016										
Sr No	Month	Crop Day	Total Crushing in Ton	Average Crushing Ton per Month	Parameter							
					Inlet Effluent Flow in m3/month	Treated Effluent Flow in m3/month	PH	COD	BOD	TSS	SPM	Effluent Generation liter per ton cane crush
1	Nov-15	21	101580.7	4837.2	9799.3	9664	7.1	147	68.4	11	49.73	96.47
2	Dec-15	31	154721.2	4991.01	14603.65	14665.25	7.4	135	60.1	34	81	94.39
3	Jan-16	31	167964.2	5418.20	16010.23	15979.17	7.4	132	66.4	34	62	95.32
4	Feb-16	29	146060.2	5036.56	13937.11	13959.93	7.4	145	62.3	34	78	95.42
5	Mar-16	31	154495.3	4983.72	14702.93	14733.73	7.7	112	42.3	34	59	95.17
6	Apr-16	18	76688.9	4260.49	7281.04	7325.62	7.7	152	55	34	48.5	94.94
Total		161	801510.5	4978.33	76334.26	76327.7	7.5	137.2	59.1	30.2	63.0	95.24

Shri Gurudatt Sugars Ltd., Takaliwadi

Season		2016-2017										
Sr No	Month	Crop Day	Total Crushing in Ton	Average Crushing Ton per Month	Parameter							
					Inlet Effluent Flow in m3/month	Treated Effluent Flow in m3/month	PH	COD	BOD	TSS	SPM	Effluent Generation liter per ton cane crush
1	Nov-16	25	122470	4898.8	9458.63	9240.47	7.31	79.52	33.08	26.36	65.64	77.23
2				#DIV/0!								#DIV/0!
3				#DIV/0!								#DIV/0!
4				#DIV/0!								#DIV/0!
5				#DIV/0!								#DIV/0!
6				#DIV/0!								#DIV/0!
Total		25	122470	4898.80	9458.63	9240.47	1.2	13.3	5.5	4.4	10.9	77.23

Stack Emission Reports



PAPL

PADMAJA AEROBIOLOGICALS (P) LTD.
Public Testing Laboratory FDA Maharashtra Approved
Recognised by Ministry of Environment & Forest (MoEF)
Period - 01-05-2014 to 30-04-2019
ISO 9001 : 2008, OHSAS 18001:2007 CERTIFIED
CIN : U73100MH1995PTC092502

AIR-F-005

CERTIFICATE OF ANALYSIS ANALYSIS REPORT FOR STACK EMISSION

Sample / Report Ref. No.	A/PS-219/01-16		
Date of Report	30/01/2016		
Name of the Industry	M/s. Shree Gurudatta Sugars Ltd., Takaliwadi Gat No.61/A, Akiwat Takaliwadi Road, Takaliwadi, Tal-Shirol, Dist -Kolhapur ,Pin- 416108.		
Sample Collected By	SHRUTI ENVIROCARE		
Date of Sampling	25/01/2016	Time of sampling : Day Time	
PARTICULARS OF STACK			
Stack Attached to	Boiler 1 & 2 (Capacity-70 MT/Hr & 40 MT/Hr)		
Stack Diameter (Meter)	3.43		
Stack Height (Meter)	65		
Stack Temperature(°C)	133		
Stack Velocity of Flue Gas (m/s)	6.9		
Stack Volume of Flue Gases (Nm³/Hr.)	168047		
Type of Fuel Used	Bagasse (55MT/Hr)		
Ambient Meteorology			
Wind Speed (Km/hr)	9-10		
Wind Direction	SE		
Ambient Temperature(°C)	31		
Humidity (%)	45		
Pollution Parameters			
Parameters	Result	Units.	Method Used
Total Particulate Matter	112	Mg/ Nm³	EPA- Method - 17
SO₂ Conc.	ND	Kg /Hr.	IS - 11255 (Part 2) 1985, Reaffirmed -2009
Remark : 1) Instruments used Politech make , model PEM-SMK 10, S.r.No.3412; Certificate No PICS/F/SMK/09-15/189 Last Calibrated on :-12/09/2015 ; Calibration Due Date:- 11/09/2016 2) Weighing Balance(make Shimadzu) ; Certificate No. STS/CAL/1516/0615 Last Calibrated Date :- 16/01/2016 ; Calibration Due Date:- 15/07/2016 MoEF Notification S.O 1174(E) Sr.No 49 dated 1 st May 2014& Valid upto 30/04/2019 ISO 9001:2008,Certificate No.11589/04/S & is Valid up to 05/08/2016 OHSAS 18001:2007 Certificate No. OHS-1805 is valid upto 28/08/2016			
Analyzed by		For Padmaja Aerobiologicals Pvt. Ltd.	



PAPL

PADMAJA AEROBIOLOGICALS (P) LTD.
Public Testing Laboratory FDA Maharashtra Approved
Recognised by Ministry of Environment & Forest (MoEF)
Period - 01-05-2014 to 30-04-2019
ISO 9001 : 2008, OHSAS 18001:2007 CERTIFIED
CIN : U73100MH1995PTC092502

AIR-F-005

CERTIFICATE OF ANALYSIS ANALYSIS REPORT FOR STACK EMISSION

Sample / Report Ref. No.	A/PS-232/03-16		
Date of Report	21/03/2016		
Name of the Industry	M/s. Shree Gurudatta Sugars Ltd., Takaliwadi Gat No.61/A, Akiwat Takaliwadi Road, Takaliwadi, Tal-Shirol, Dist -Kolhapur ,Pin- 416108.		
Sample Collected By	SHRUTI ENVIROCARE		
Date of Sampling	15/03/2016	Time of sampling : Day Time	
PARTICULARS OF STACK			
Stack Attached to	Boiler 1 & 2 (Capacity-70 MT/Hr & 40 MT/Hr)		
Stack Diameter (Meter)	3.43		
Stack Height (Meter)	65		
Stack Temperature(°C)	148		
Stack Velocity of Flue Gas (m/s)	7.4		
Stack Volume of Flue Gases (Nm³/Hr.)	173803		
Type of Fuel Used	Bagasse (55MT/Hr)		
Ambient Meteorology			
Wind Speed (Km/hr)	9-10		
Wind Direction	SE		
Ambient Temperature(°C)	36		
Humidity (%)	23		
Pollution Parameters			
Parameters	Result	Units.	Method Used
Total Particulate Matter	92	Mg/ Nm³	EPA- Method - 17
SO₂ Conc.	ND	Kg /Hr.	IS - 11255 (Part 2) 1985, Reaffirmed -2009
Remark : 1) Instruments used Politech make , model PEM-SMK 10, S.r.No.3412; Certificate No PICS/F/SMK/09-15/189 Last Calibrated on :-12/09/2015 ; Calibration Due Date:- 11/09/2016 2) Weighing Balance(make Shimadzu) ; Certificate No. STS/CAL/1516/0615 Last Calibrated Date :- 16/01/2016 ; Calibration Due Date:- 15/07/2016 MoEF Notification S.O 1174(E) Sr.No 49 dated 1 st May 2014& Valid upto 30/04/2019 ISO 9001:2008,Certificate No.11589/04/S & is Valid up to 05/08/2016 OHSAS 18001:2007 Certificate No. OHS-1805 is valid upto 28/08/2016			
Analyzed by		For Padmaja Aerobiological Pvt. Ltd.	

'NANDAN' Plot No -36, Sec-24, Near Bank Of India, Turbhe, Navi Mumbai - 400 705.

'NANDAN' Plot No -36, Sec-24, Near Bank Of India, Turbhe, Navi Mumbai - 400 705.
Tel : 2783 2532 / 2783 2817. Telefax : 2783 2818. E-Mail : papl@nandan.com

Stack Emission Reports by PAPL



PAPL

PADMAJAAEROBIOLOGICALS (P) LTD.
Public Testing Laboratory FDA Maharashtra Approved
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Period - 01-05-2014 to 30-04-2019
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PAPL

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ISO 9001 : 2008, OHSAS 18001:2007 CERTIFIED
CIN : U73100MH1995PTC092502

AIR-F-005

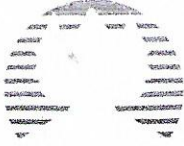
CERTIFICATE OF ANALYSIS ANALYSIS REPORT FOR STACK EMISSION			
Sample / Report Ref. No.	A/PS-379/02-16		
Date of Report	27/02/2016		
Name of the Industry	M/s. Shree Gurudatta Sugars Ltd., Takaliwadi Gat No.61/A, Akiwat Takaliwadi Road, Takaliwadi, Tal-Shirol, Dist - Kolhapur, Pin- 416108.		
Sample Collected By	SHRUSTI ENVIROCARE		
Date of Sampling	22/02/2016	Time of sampling : Day Time	
PARTICULARS OF STACK			
Stack Attached to	Boiler 1 & 2 (Capacity-70 MT/Hr & 40 MT/Hr)		
Stack Diameter (Meter)	3.43		
Stack Height (Meter)	65		
Stack Temperature(°C)	125		
Stack Velocity of Flue Gas (m/s)	7.1		
Stack Volume of Flue Gases (Nm ³ /Hr.)	176394		
Type of Fuel Used	Baggase (55MT/Hr)		
Ambient Meteorology			
Wind Speed (Km/hr)	11-12		
Wind Direction	SE		
Ambient Temperature(°C)	34		
Humidity (%)	41		
Pollution Parameters			
Parameters	Result	Units.	Method Used
Total Particulate Matter	126	Mg/ Nm ³	EPA- Method - 17
SO ₂ Conc.	ND	Kg /Hr.	IS - 11255 (Part 2) 1985, Reaffirmed -2009
Remark : 1) Instruments used Politech make , model PEM-SMK 10, S.r.No.3412; Certificate No PICS/F/SMK/09-15/189 Last Calibrated on :-12/09/2015 ; Calibration Due Date:- 11/09/2016 2) Weighing Balance(make Shimadzu) ; Certificate No. STS/CAL/1516/0615 Last Calibrated Date :- 16/01/2016 ; Calibration Due Date:- 15/07/2016 MoEF Notification S.O 1174(E) Sr.No 49 dated 1 st May 2014& Valid upto 30/04/2019 ISO 9001:2008,Certificate No.11589/04/S & is Valid up to 05/08/2016 OHSAS 18001:2007 Certificate No. OHS-1805 is valid upto 28/08/2016			
Analyzed by		For Padmaja Aerobiological Pvt. Ltd..	

AIR-F-005

CERTIFICATE OF ANALYSIS ANALYSIS REPORT FOR STACK EMISSION			
Sample / Report Ref. No.	A/PS-124/04-16		
Date of Report	13/04/2016		
Name of the Industry	M/s. Shree Gurudatta Sugars Ltd., Takaliwadi Gat No.61/A, Akiwat Takaliwadi Road, Takaliwadi, Tal-Shirol, Dist - Kolhapur, Pin- 416108.		
Sample Collected By	SHRUSTI ENVIROCARE		
Date of Sampling	06/04/2016	Time of sampling : Day Time	
PARTICULARS OF STACK			
Stack Attached to	Boiler 1 & 2 (Capacity-70 MT/Hr & 40 MT/Hr)		
Stack Diameter (Meter)	3.43		
Stack Height (Meter)	65		
Stack Temperature(°C)	133		
Stack Velocity of Flue Gas (m/s)	6.7		
Stack Volume of Flue Gases (Nm ³ /Hr.)	163176		
Type of Fuel Used	Baggase (55MT/Hr)		
Ambient Meteorology			
Wind Speed (Km/hr)	13-14		
Wind Direction	SE		
Ambient Temperature(°C)	36		
Humidity (%)	21		
Pollution Parameters			
Parameters	Result	Units.	Method Used
Total Particulate Matter	82	Mg/ Nm ³	EPA- Method - 17
SO ₂ Conc.	ND	Kg /Hr.	IS - 11255 (Part 2) 1985, Reaffirmed -2009
Remark : 1) Instruments used Politech make , model PEM-SMK 10, S.r.No.3412; Certificate No PICS/F/SMK/09-15/189 Last Calibrated on :-12/09/2015 ; Calibration Due Date:- 11/09/2016 2) Weighing Balance(make Shimadzu) ; Certificate No. STS/CAL/1516/0615 Last Calibrated Date :- 16/01/2016 ; Calibration Due Date:- 15/07/2016 MoEF Notification S.O 1174(E) Sr.No 49 dated 1 st May 2014& Valid upto 30/04/2019 ISO 9001:2008,Certificate No.11589/04/S & is Valid up to 05/08/2016 OHSAS 18001:2007 Certificate No. OHS-1805 is valid upto 28/08/2016			
Analyzed by		For Padmaja Aerobiological Pvt. Ltd..	

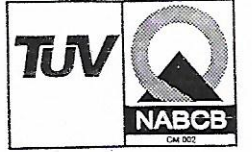
Online Monitoring System at SGSL





SHRI GURUDATT SUGARS LIMITED

Gat No.61, Akiwat-Takaliwadi Road, Near Balumama Mandir,
TAKALIWADI - 416 108 Tal.: Shirol, Dist.:Kolhapur (Maharashtra State)
Reg. No. 25-14367, Tele Fax : (02322) 241577, 241877, 241977
Ph. (0231) 2686086 Fax No. (0231) 2686000 E-mail : gssugars@gmail.com



AN ISO 9001 : 2008
Certified Company

Shri. Bhagawanrao G. Ghatge
Founder
Shri. Madhavrao B. Ghatge
Chairman & Managing Director

Ref. No. ~~गुरुदत्त शुगर लि. शिरोल~~ / 149 / 2017

Date : 26/03/2017

प्रति,
मा.सरपंच / ग्रामसेवक
मु.पो. टाकलीवाडी ता. शिरोळ
जि. कोल्हापूर

विषय :- ना हरकत दाखला मिळणेबाबत ..

महोदय

आमचे श्री गुरुदत्त शुगर लि.टाकलीवाडी या कारखान्याच्या सध्या असलेल्या ४९०० मे.टन प्रतिदिन गाळप क्षमता व १५ मेगावॉट विजनिर्मिती प्रकल्पाची क्षमता विस्तारीकरण प्रतिदिन ६००० मे.टन उस गाळप व २१ मेगावॉट विजनिर्मिती करणेस central Pollution control Board ,Delhi.यांचेकडून दि.२०/०३/२०१७ च्या पत्राने मान्यता मिळाली आहे.

तरी सदरच्या वाढीव गाळप क्षमता व विजनिर्मिती प्रकल्पाचे विस्तारीकरणास आपल्या ग्रामपंचायतीचा ना हरकत दाखला मिळावा हि विनंती.

सोबत :- CPCB चे मंजूरीचे पत्र.

आपला विश्वासू

प्रेसीडेंट

श्री गुरुदत्त शुगर लि.टाकलीवाडी.

Received
26/3/2017

ग्रामसेवक,
ग्रामपंचायत टाकलीवाडी,
ता. शिरोळ, जि. कोल्हापूर.

जाहीर नोटीस

श्री गुरुदत्त शुगर्स लिमिटेड टाकळीवाडी पर्यावरण विषयक अनुमती

श्री गुरुदत्त शुगर्स लिमिटेड, गट नं.६१/अ,
अकिवाट टाकळीवाडी रोड, टाकळीवाडी, ता.शिरोळ,
जि.कोल्हापूर पिन नं.४१६१०८ तर्फे कळविणेत येते
की, आमच्या कारखान्यामध्ये गाळप क्षमता 4900 TCD
ते 6000 TCD व सहविजनिर्मिती प्रकल्प 15MW ते 21
MW वाढीव प्रकल्पास भारत सरकारचे पर्यावरण,
वनविभाग व हवामान बदल, मंत्रालय, नवी दिल्ली कडील
पत्र संदर्भ F. No. J-11011/41/2015-IA-II (I) दिनांक
२०/३/२०१७ ने विस्तारीकरणास अनुमती मिळालेली
आहे.

श्री. माधवराव भगवानराव घाटगे
चेअरमन व कार्यकारी संचालक
श्री गुरुदत्त शुगर्स लिमिटेड, टाकळीवाडी

बंधुता पेपर

PUBLIC NOTICE

To whomsoever,
it may concern

This is to inform to the public that Shri Gurudatt Sugars Ltd., Gat 61/A, Akiwat- Takaliwadi Road, Takaliwadi, Tal. Shirol, Dist. Kolhapur- 416108. Maharashtra has been granted Environmental Clearance for their proposed expansion of sugar plant 4900 TCD to 6000 TCD and Co-generation 15 MW to 21 MW vide letter No. F. No. J-11011/ 47/ 2015- [A-II(I), Dt. 20/03/2017.

The Copy of same can be viewed at website of ministry of Environment and forest and climate change of <http://moef.nic.in>

-Shri Madhavrao B. Ghatge
Chairman &
Managing Director





Regd. No. 25-14367, CIN-UI5424PN2000PLC014367

An ISO 9001 : 2008 Certified Company

SHRI GURUDATT SUGARS LTD., Takaliwad

| ADD.: Gat No. : 61 / A, Akiwat Takaliwadi Road, Takaliwadi Tal.- Shirol Dist - Kolhapur (MH) Pin Code : 416 10
| PHONE : +91 231 2686086 | FAX : +91 231 2686000 | WEBSITE : www.sgsl.co.in | Email : gslsugars@gmail.com

SGSL/ENVI/ 498 /2017-2018

Date – 31/03/2017

To,
The Chief Executive Officer so,
Zilha Parishad Office,
Nagala Park, Kolhapur

Subject: Submission of Environmental Clearance Copy for Shri Gurudatt Sugars Ltd. Gat No. 61/A, Akiwat Takaliwadi Road, Takaliwadi, Tal. Shirol, Dist. Kolhapur, Maharashtra.

Ref: MoEF & CC Letter No.F. No. –J – 11011 / 41 / 2015 –IA – II (I) Dated 20.03.2017

Respected Sir,

With reference to above subject, we are submitting here with Environmental Clearance Copy of sugar manufacturing (from 4900 TCD to 6000 TCD, Co-generation capacity (15 MW to 21 MW) at Gat No. 61/A, Akiwat Takaliwadi Road, Tal. Shirol, Dist. Kolhapur, Maharashtra received from Ministry of Environment, Forest and Climate Change, New Delhi.

This is for your information please.


Thanking You.

Yours Faithfully

For, Shri Gurudatt Sugars Ltd.,


President

Copy –Enclosed above with copy of EC


8/8/2016
लेखनिक
मुख्य कार्यकारी अधिकारी
जिल्हा परिषद, कोल्हापूर.



Regd. No. 25-14367, CIN-UI5424PN2000PLC014367

An ISO 9001 : 2008 Certified Company

SHRI GURUDATT SUGARS LTD., Takaliwadi

| ADD.: Gat No. : 61 / A, Akiwat Takaliwadi Road, Takaliwadi Tal.- Shirol Dist - Kolhapur (MH) Pin Code : 416 106
| PHONE : +91 231 2686086 | FAX : +91 231 2686000 | WEBSITE : www.sgsl.co.in | Email : gslsugars@gmail.com

SGSL/ENVI/ 293 /2017-2018

Date - 31/03/2017

To,
The Regional Officer,
Ministry of Environment, Forest and Climate Change,
Regional Office (WCZ), Ground Floor, East Wing,
New Secretariat Building Civil Lines,
Nagpur
Tel.No.0712-2531318
Email: moefregionalofficenagpur@gmail.com

Subject: Submission of Environmental Clearance Copy for Shri Gurudatt Sugars Ltd. Gat No. 61/A, Akiwat Takaliwadi Road Takaliwadi, Tal. Shirol, Dist. Kolhapur, Maharashtra.

Ref : MoEF & CC Letter No.F. No. -J - 11011 / 41 / 2015 -IA - II (I) Dated 20.03.2017

Respected Sir,

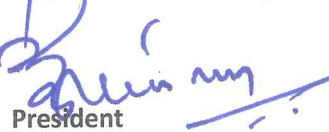
With reference to above subject, we are submitting here with Environmental Clearance Copy of sugar manufacturing (from 4900 TCD to 6000 TCD, Co-generation capacity (15 MW to 21 MW) at Gat No. 61/A, Akiwat Takaliwadi Road, Tal. Shirol, Dist. Kolhapur, Maharashtra received from Ministry of Environment, Forest and Climate Change, New Delhi.

This is for your information please.

Thanking You.

Yours Faithfully

For, Shri Gurudatt Sugars Ltd.,


President



Copy -Enclosed above with copy of EC News display on local news paper .

- CC - 1. The Regional Officer, MPC Board, Kolhapur.
2. The Sub Regional Officer, MPC Board, Kolhapur

सहनाग प्रमाणपत्र व स्मृती चिन्ह पान ४ वर
News dt. 31/03/2017

जाहीर नोटीस

श्री गुरुदत्त शुगर्स लिमिटेड टाकळीवाडी पर्यावरण विषयक अनुमती

श्री गुरुदत्त शुगर्स लिमिटेड, गट नं.६९/अ, अकिवाट टाकळीवाडी-रोड, टाकळीवाडी, ता.शिरोळ, जि.कोल्हापूर पिन नं.४९६९०८ तर्फे कळविणेत येते की, आमच्या कारखान्यामध्ये गाळप क्षमता 4900 TCD ते 6000 TCD व सहविजनिर्मिती प्रकल्प 15MW ते 21 MW वाढीव प्रकल्पास भारत सरकारचे पर्यावरण, वनविभाग व हवामान बदल, मंत्रालय, नवी दिल्ली कडील पत्र संदर्भ F. No. J-11011/41/2015-IA-II (I) दिनांक २०/३/२०१७ ने विस्तारीकरणास अनुमती मिळालेली आहे.

श्री. माधवराव भगवानराव घाटगे
चेअरमन व कार्यकारी संचालक
श्री गुरुदत्त शुगर्स लिमिटेड, टाकळीवाडी

बंधुता पेपर

PUBLIC NOTICE

To whomsoever,
it may concern

This is to inform to the public that Shri Gurudatt Sugars Ltd., Gat 61/A, Akiwat- Takaliwadi Road, Takaliwadi, Tal. Shirol, Dist. Kolhapur- 416108. Maharashtra has been granted Environmental Clearance for their proposed expansion of sugar plant 4900 TCD to 6000 TCD and Co-generation 15 MW to 21 MW vide letter No. F. No. J-11011/ 47/ 2015- [A-II(I), Dt. 20/03/2017.

The Copy of same can be viewed at website of ministry of Environment and forest and climate change of <http://moef.nic.in>

-Shri Madhavrao B. Ghatge
Chairman &
Managing Director



SHRI GURUDATT SUGARS LIMITED

Gat No.61, Akiwat-Takaliwadi Road, Near Balumama Mandir,
TAKALIWADI - 416 108 Tal.: Shirol, Dist.:Kolhapur (Maharashtra State)
Reg. No. 25-14367, Tele Fax : (02322) 241577, 241877, 241977
Ph. (0231) 2686086 Fax No. (0231) 2686000 E-mail : gslsugars@gmail.com



Shri. Bhagawanrao G. Ghatge
Founder
Shri. Madhavrao B. Ghatge
Chairman & Managing Director

Ref. No. एकजीएस/शिरोल/149/2017

Date : 26/03/2017

प्रति,
मा.सरपंच / ग्रामसेवक
मु.पो. टाकलीवाडी ता. शिरोळ
जि. कोल्हापूर

विषय :- ना हरकत दाखला मिळणेबाबत ..

महोदय

आमचे श्री गुरुदत्त शुगर्स लि.टाकलीवाडी या कारखान्याच्या सध्या असलेल्या ४९०० मे.टन प्रतिदिन गाळप क्षमता व १५ मेगावॅट विजनिर्मिती प्रकल्पाची क्षमता विस्तारीकरण प्रतिदिन ६००० मे.टन उस गाळप व २१ मेगावॅट विजनिर्मिती करणेस central Pollution control Board ,Delhi.यांचेकडून दि.२०/०३/२०१७ च्या पत्राने मान्यता मिळाली आहे.

तरी सदरच्या वाढीव गाळप क्षमता व विजनिर्मिती प्रकल्पाचे विस्तारीकरणास आपल्या ग्रामपंचायतीचा ना हरकत दाखला मिळावा हि विनंती.

सोबत :- CPCB चे मंजूरीचे पत्र.

आपला विश्वासू

प्रेसीडेंट
श्री गुरुदत्त शुगर्स लि.टाकलीवाडी.

Received
26/3/2017
ग्रामसेवक,
ग्रामपंचायत टाकलीवाडी,
ता. शिरोळ, जि. कोल्हापूर.

(In respect of persons em

Name of Certifying Surgeon :

DR. ARVIND A. MANE

M.B.B.S., D.P.H.A.F.I.H. (Mumbai)

Certifying Surgeon For Factories

Kolhapur District

Under Govt. of Maharashtra Factories Rule

Serial No.	Works No.	Name of worker	Sex	Age (last birth-day)	Date of employment of present work	Date of leaving or transfer to other work	Reas lea Tran disc
1	2	3	4	5	6	7	
1		Sanjay Y. Kumbhar	M	36			
2		Chandrakant D. Patil	M	45			
3		Salina A. Sandi	F	43			
4		Mahaveer J. Narde	M	41			
5		Suresh K. Yadav	M	35			
6		Sambhaji S. Patil	M	59			
7		Rama A. Zende	M	33			
8		Satish R. Kumbhar	M	29			
9		Shivaji D. Tavandkar	M	51			
10		Cecijanan M. Latwade	M	35			
11		Vijaykumar B. Patil	M	32			
12		Santosh S. Ghatage	M	31			
13		Deepak S. Shinde	M	36			
14		Dilip S. Patil	M	53			
15		Namdev D. Patil	M	39			
16		Santosh B. Samdole	M	30			
17		Nilesh V. Yadav	M	44			
18		Prashant P. Jagdale	M	44			
19		Pundlik M. Godhade	M	63			
20		Vilas R. Jagtap	M	44			
21		Chandrakant Y. Patil	M	41			
22		Amol A. Shinde	M	29			
23		Suhas D. Magdum	M	28			
24		Sandeep S. Magdum	M	34			
25		Virendra V. Patil	M	38			
26		Ajit B. Murgunde	M	36			

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Serial No.	Works No.	Name of worker	Sex	Age (last birth-day)	Date of employment of present work	Date of leaving or transfer to other work	Reas lea Tran disc
1	2	3	4	5	6	7	
29		Dilip N. Malgare	M	52			
30		Bhubali B. Patil	M	35			
31		Rajendra S. Chhadge	M	36			
32		Sanjay M. Magdum	M	35			
33		Sukumar A. Patil	M	35			
34		Avinash J. Bastwade	M	35			
35		Shiniwas V. Gondkar	M	32			
36		Raju B. Patil	M	40			
37		Vijay S. Powar	M	34			
38		Yogesh G. Kamble	M	27			
39		Pradip S. Sawant	M	31			
40		Sanjiv Rao A. Jagtap	M	48			
41		Vithal A. Gavade	M	33			
42		Vijay A. Khot	M	29			
43		Anant S. Pattankude	M	40			
44		Sagar V. Bhojane	M	34			
45		Pravin S. Patil	M	30			
46		Aalam S. Patel	M	52			
47		Vijay R. Bokare	M	48			
48		Sagar B. Mali	M	29			
49		Sambhaji B. Desai	M	56			
50		Kumar A. Sutar	M	36			
51		Netaji N. Chavan	M	36			
52		Siddhappa N. Pigare	M	48			
53		Raju B. Gavade	M	31			
54		Santosh L. Tali	M	30			

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4r. Shri. Geerudatt Sugar Limited, Takaliwadi, Tal - Shirol, Jaysing

rom Kolhapur, Kolhapur Maharashtra - 416108

Tr. 12/11/2016 to 12/11/2017

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from to

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(In respect of person

Name of Certifying Surgeon :

DR. ARVIND A. MANE

M.B.B.S., D.P.H. A.F.I.H. (Mumbai)

Certifying Surgeon for factories

Kolhapur District

Under Govt. of Maharashtra Factories Rule

Serial No.	Works No.	Name of worker	Sex	Age (last birth-day)	Date of employment of present work	Date of leaving or transfer to other work
1	2	3	4	5	6	7
57		Bajirao S. Tikode	M	51		
58		Faijahamad R. Mullo	M	47		
59		Tukaram B. Patil	M	39		
60		Suresh S. Adarsh	M	33		
61		Shamato N. Patil	M	54		
62		Babaso U. Inamdar	M	45		
63		Jingonda B. Patil	M	35		
64		Vinod A. Patil	M	35		
65		Deepak D. Mane	M	46		
66		Pandurang B. Bhilawade	M	52		
67		Rajendra B. Gavade	M	30		
68		Bandu N. Shinde	M	32		
69		Vilas R. Baje	M	41		
70		Rakesh R. Magdum	M	26		
71		Suresh K. Desai	M	32		
72		Kumar M. Sutar	M	40		
73		Babaso D. Patil	M	36		
74		Vinod D. Kamble	M	33		
75		Krishnadev K. Mane	M	39		
76		Sandeep M. Gaikwad	M	30		
77		Nilesh M. Jadhav	M	36		
78		Santosh A. Awati	M	36		
79		Madhavrao R. Shinde	M	45		
80		Sunil S. Patil	M	38		
81		Amol A. Mardane	M	33		
82		Udaykumar D. Mahind	M	41		
83		Mazun T. Wanve	M	47		

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Mr. Shri. Gurudatt Sugae, Limited, Takalwadi, Tal- Shirol,

rom Jaysingpur, Kolhapur, Kolhapur ... Maha estra - 416108.

Fr. 12/11/2016 to 12/11/2017

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Name of Certifying Surgeon :

DR. ARVIND A. MANE

M.B.B.S., D.P.H.A.F.I.H. (Mumbai)

Certifying Surgeon For Factories

Kolhapur District

Under Govt. of Maharashtra Factories Rule

Serial No.	Works No.	Name of worker	Sex	Age (last birth-day)	Date of employment of present work	Date of leaving (transfer to other work)
1	2	3	4	5	6	7
85		Geerdhaz B. Shahstrabudhe	M	48		
86		Anil S. Kamble	M	40.		
87		Ajit A. Chougule	M	40.		
88		Mandaz A. Nadaf	M	43.		
89		Digambar A. Kudache	M	29.		
90		Prashant D. Pipale	M	27		
91		Swapnil P. Kotkar	M	30.		
92		Vithhal G. Nirmale	M	33.		
93		Nitin S. Shinde	M	32.		
94		Vinod S. Desai	M	31.		
95		Ramish K. Kamble	M	30.		
96		Lingappa K. Bandgare	M	35		
97		Amaz K. Geleibua	M	30		
98		Rajkumar R. Bagi	M	36.		
99		Shirdhaz A. Sutar	M	37.		
100		Ajit D. Nirmale	M	31.		
101		Sagar S. Jugale	M	30		
102		Riyaj G. Sanadi	M	34.		
103		Pandurang R. Nandiwale	M	36.		
104		Rajendra S. Jadhav	M	43.		
105		Sandeep D. Sutar	M	28		
106		Bajirao I. Shedbale	M	47.		
107		Popat M. Khot	M	37.		
108		Suresh K. Ambi	M	42		
109		Anil S. Mane	M	34.		
110		Bajrang I. Kali	M	33.		
111		Deepak N. Sankpal	M	31		

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Shri - Gurudatt Sugar Limited, Takaliwadi, Tal-shirol

From Jaysingpur, Kolhapur, Kolhapur, Maharashtra - 416108

fr. 12/11/2016 to 12/11/2017

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Name of Certifying Surgeon :

DR. ARVIND A. MANE

M.B.B.S., D.P.H.A.F.I.H. (Mumbai)

Certifying Surgeon For Factories

Kolhapur District

Under Govt. of Maharashtra Factories Rule

Serial No.	Works No.	Name of worker	Sex	Age (last birth-day)	Date of employment of present work	Date of leaving transfe to othe work
1	2	3	4	5	6	7
113		P. Datta Roy	M	57.		
114		Ashok V. Jadhav	M	52.		
115		Somnath M. Kumbhar	M	33.		
116		Pandurang H. Bhoite	M	45.		
117		Madhusudam M. Morade	M	33.		
118		Aydhut D. Koli	M	26.		
119		Shankar S. Shinde	M	37.		
120		Sandip T. Mane	M	34.		
121		Chandrakant B. Birange	M	38.		
122		Shivaji G. Jakale	M	36.		
123		Santosh A. Patil	M	31.		
124		Suresh N. Maske	M	38.		
125		Ravashab R. Kote	M	38.		
126		Akash G. Magdum	M	41.		
127		Indrajeet R. Sankpal	M	28.		
128		Lokesh S. Eksambe	M	35.		
129		Makbul S. Desai	M	40.		
130		Bhupal V. Bakale	M	39.		
131		Anil V. Herwade	M	34.		
132		Shivaji D. Pawar	M	43.		
133		Vadhhav V. Patil	M	41.		
134		Sandeep D. Bagade	M	33.		
135		Mahesh R. Patil	M	36.		
136		Vikas M. Patil	M	40.		
137		Tejanand B. Desai	M	33.		
138		Dilip P. Patil	M	51.		
139		Vijay V. Mane	M	42.		

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Shri. C. Rudatt Sugae Limited, Takaliwadi, Tal-shira
Taysingpur, Kolhapur, Kolhapur Maharashtra 416108
12/11/2016 to 12/11/2017

from to

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from to

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F. No. J-11011/41/2015-IA-II (I)
Government of India
Ministry of Environment, Forest and Climate Change
(Impact Assessment Division)

Indira Paryavaran Bhawan
Aliganj, Jor Bagh Road,
New Delhi -110 003

Telefax: 011-24695365
E-mail: yogendra78@nic.in

Dated: 20th March, 2017

To,

The Chief Executive Officer
M/s Shri Gurudatt Sugars Limited
Gat No.61/A, Akiwat - Takaliwadi Road
Takaliwadi, Taluka Shirol
District - Kolhapur - 416 108
Maharashtra

Sub: Expansion of Sugar Plant (4900 TCD to 6000 TCD) and Co-generation Power Plant (15 MW to 21 MW) by M/s Shri Gurudatt Sugars Limited at Gat No.61/A, Akiwat-Takaliwadi Road, Takaliwadi, Taluka Shirol, District - Kolhapur, Maharashtra - Environmental Clearance - reg.

Ref: Online Proposal No. IA/MH/IND2/59911/2014 dated 22nd October, 2016.

Sir,

This has reference to your online proposal no. IA/MH/IND2/59911/2014 dated 22nd October, 2016, along with project documents including Form I, Terms of References, Pre-feasibility Report and EIA/EMP Report with public hearing report regarding the above mentioned project.

2. The Ministry of Environment, Forest and Climate Change has examined the application. It is noted that the proposal is Expansion of Sugar Plant (4900 TCD to 6000 TCD) and Co-generation Power Plant (15 MW to 21 MW) by M/s Shri Gurudatt Sugars Limited at Gat No.61/A, Akiwat-Takaliwadi Road, Takaliwadi, Taluka Shirol, District-Kolhapur, Maharashtra. As informed and as per the documents submitted by the Project Proponent (PP), no additional land is required as the project is proposed in the premises of sugar plant. The land area is 55 Acres. Area for green belt is 15 Acres. The total cost of the project is Rs. 86.34 crores. Raw Material is Sugarcane and Bagasse. No Protected area/Eco-sensitive area/Reserve forests are reported to be located within 10 km area of the project site. Krishna River (3 km), Panchganga River (5 km), and Dudhganga River (7 Km) are located within 10 km radius of the project site. Karnataka State is located within 4 km from the project site. The project thus falls in the interstate boundary region of Karnataka and Maharashtra. The plant will have the following configuration and production capacity:



Units	Existing Capacity	Proposed Capacity	Total Capacity after expansion	Working days
Sugar Plant	4900 TCD	1100 TCD	6000 TCD	160
Cogeneration Plant	15 MW	6 MW	21 MW	160+124

3. All Sugar Industry (≥ 5000 TCD cane crushing capacity) are listed at Sl. No. 5(j) of Schedule of EIA Notification under Category 'B'. However, considering the general condition that the project is located at distance of 4 km from the interstate boundary of Karnataka State, the project is considered under Category 'A' and are appraised at Central Level by Expert Appraisal Committee (EAC).

4. The project proposal was considered by the Expert Appraisal Committee (Industry-2) in its 36th meeting held during 16th- 17th March, 2015 and recommended Terms of References (TORs) for the Project. The TOR has been issued by Ministry vide letter dated 18th May, 2015.

5. The project proposal was considered by the Expert Appraisal Committee (Industry -2) in its 17th meeting held during 26th - 29th December, 2016. The Project Proponent and the accredited consultant M/s SD Engineering Services Pvt. Ltd, Aurangabad, gave a detailed presentation on the salient features of the project and proposed environmental protection measures to be undertaken, as per Terms of References (TORs) awarded in the 36th meeting of the EAC held during 16th - 17th March, 2015.

6. The State Pollution Control Board, Maharashtra has issued CTE vide letter no. 1.0/BO/CAC-CELL/EIC No. KP-15740-14/EIC. 4729 dated 27/04/2015 and CTO vide letter no. 1.0/BO/CAC CELL/EIC-KP-17292-15/ O&R/CAC-418 dated 8/10/2016. The existing unit has been operating with Consent to Operate from the State Pollution Control Board. Consent of Industry was valid up to 31.07.2016. The PP has informed the EAC that the application for renewal is submitted and same is under consideration of the SPCB which will be issued under auto-renewal policy of State Government.

7. Public Hearing for the proposed project has been conducted by the Maharashtra State Pollution Control Board 24.08.2016. The EAC has deliberated upon the issues raised during the public hearing. The concerns were raised regarding employment opportunities, pollution due to waste water discharge from plant, etc. The EAC noted that the issues have satisfactorily been responded by the project proponent and incorporated in the final EIA-EMP report.

8. The Project Proponent has informed the EAC that the ambient air quality monitoring was carried out at 9 locations during October, 2015- December, 2015 and submitted baseline data indicates that ranges of concentrations of PM₁₀ (25 $\mu\text{g}/\text{m}^3$ to 47.8 $\mu\text{g}/\text{m}^3$), PM_{2.5} (7.5 $\mu\text{g}/\text{m}^3$ to 18.5 $\mu\text{g}/\text{m}^3$), SO₂ (7.1 $\mu\text{g}/\text{m}^3$ to 9.2 $\mu\text{g}/\text{m}^3$), CO (0.09 $\mu\text{g}/\text{m}^3$ -0.16 $\mu\text{g}/\text{m}^3$) and NO_x (8.6 $\mu\text{g}/\text{m}^3$ to 11.1 $\mu\text{g}/\text{m}^3$) respectively.

9. The total requirement of water for sugar and cogeneration is 1405.25 m³/day for process, cooling, boiler and domestic purpose. Fresh water

Permission has been obtained from the concerned authority. Balance water shall be met through recycling of condensate water. Under no circumstances ground water shall be used in the factory.

10. Power requirement is 6 MW/day for sugar and co-gen unit, the same is met through own generation. The steam generating system for the proposed Cogeneration Project comprises of two multi-fuel fired boiler with a Maximum Continuous Rating (MCR) of 70 TPH and 40 TPH (total capacity 110 TPH), with the outlet steam parameters at 45 kg/cm² and 5000 C. Fuel for Boiler is Bagasse. The bagasse requirement is 182054 MT/year.

11. The PP has submitted a letter no. MPCB/RO/KOP- 2878/2016 dated 28/07/2016 issued by the Regional Officer, Kolhapur, Maharashtra Pollution Control Board mentioning that the effluent/wastewater generated by the existing plant is well within the prescribed limit, based on the direction of the EAC.

12. The EAC, in its 17th meeting held on 26th- 29th December, 2016 has found that the final EIA/EMP report submitted by the PP is adequate. The EAC after detailed deliberations, on the basis of the information and presentation made by the PP, has recommended the project for environmental clearance with certain conditions.

13. Based on the proposal and information submitted by the Project Proponent, and considering the recommendation of the Expert Appraisal Committee (Industry-2), the Ministry of Environment, Forest and Climate Change hereby accords Environmental Clearance to the above project under the provisions of EIA Notification dated 14th September 2006, subject to the compliance of the following Specific and General Conditions:

A. Specific Conditions:

- i. Zero liquid Discharge System shall be ensured.
- ii. Water requirement to be reduced at extent possible by using latest process methodology being used worldwide.
- iii. Fly Ash be generated shall be sent to nearby cement industry.
- iv. Green belt (10 m wide) of perennial plant species like Neem, Sesam, Teak etc., to be developed around the plant periphery ensuring the 33% area of the plant as green area. The Forest department may be consulted in this regard.
- v. Air emissions from all point source to be controlled by latest technology instruments. The emissions shall conform to the limits imposed by Maharashtra Pollution Control Board (MPCB).
- vi. Periodic soil and water sampling in nearby villages and water bodies to be done by the Project Authorities through 3rd part expert and report shall be submitted to the concerned regional office of the Ministry.
- vii. RO plant of sufficient capacity to be installed in the nearby villages to ensure safe drinking water supply. Maintenance of the RO plant will be owned by the Project Authorities.
- viii. Health check-up camps to be organized periodically in nearby villages.

- ix. A regular environmental manager having PG qualification in environmental sciences/environmental engineering to be appointed for looking after the environmental management practices in the plant.
- x. Automatic/online monitoring system (24 x 7 monitoring devices) for flow measurement and relevant pollutants in the treatment system to be installed. The data to be made available to the respective SPCB and in the Company's website.

B. General Conditions:

- i. The project authorities must strictly adhere to the stipulations made by the Maharashtra Pollution Control Board, State Government and any other statutory authority.
- ii. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change. 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 State Pollution Control Board (SPCB) 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 National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be followed.
- v. 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 levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).
- vi. The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and use the same water for the process activities of the project to conserve fresh water.
- vii. 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.
- viii. The company shall also comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management and risk mitigation measures relating to the project shall be implemented.



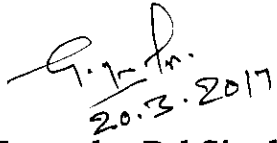
- ix. The company shall undertake all relevant measures for improving the socioeconomic conditions of the surrounding area. CSR activities shall be undertaken by involving local villages and administration.
- x. The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.
- xi. A separate Environmental Management Cell equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.
- xii. The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change 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.
- xiii. A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal.
- xiv. 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&CC, the respective Zonal Office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.
- xv. The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the concerned State 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&CC by e-mail.
- xvi. 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 SPCB/Committee and may also be seen at Website of the Ministry at <http://moef.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 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.
- xvii. 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.



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


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

16. The above conditions will be enforced, *inter alia* under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Waste (Management, Handling and Trans-boundary Movement) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules.


20.3.2017
(Yogendra Pal Singh)
Scientist 'D'

Copy to:-

1. The Secretary, Environment Department, Government of Maharashtra, 15th Floor, New Administrative Building, Mantralaya, Mumbai- 400 032.
2. The Additional Principal Chief Conservator of Forests (C), Ministry of Environment, Forest and Climate Change, Regional Office(WCZ), Ground Floor, East Wing, New Secretariat Building, Civil Line, Nagpur-440001.
3. The Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex East Arjun Nagar, Delhi - 110 032.
4. The Chairman, Maharashtra Pollution Control Board, Kalpataru Point, 3rd and 4th floor, Opp. Cine Planet, Sion Circle, Mumbai-400 022.
5. Monitoring Cell, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhavan, Jor Bhag, New Delhi- 110 003.
6. Guard File/Monitoring File/Website/Record File.


20.3.2017
(Yogendra Pal Singh)
Scientist 'D'