



SHREE DATTA SHETKARI SAHAKARI SAKHAR KARKHANA LTD., SHIROL.

श्री दत्त शेतकरी सहकारी साखर कारखाना लिमिटेड, शिरोळ.

POST:DATTANAGAR 416 120, TALUKA SHIROL, DIST. KOLHAPUR. (MS) INDIA

पोस्ट : दत्तनगर ४१६ १२०, तालुका शिरोळ, जिल्हा कोल्हापूर (महाराष्ट्र) भारत

Phone : ( 02322 ) 236551 ( 6 Lines ), Fax : (02322) 236600

klp.dattssk@gmail.com



Ref. No. 22-66 /ENV/EC.C./2022-23

Date: 20/06/2023

To,  
Deputy Director General of Forest (Central),  
West Central Zone,  
Regional Office (WCZ)  
Ground Floor, East wing,  
New Secretariat Building, Opp. VCA Ground,  
Civil Lines, Nagpur – 440001.

**Subject:** Six Monthly Compliance Report for the Period of Dec 2022 to June 2023

**Reference:** Environment Clearance for Expansion of Sugarcane crushing capacity from 9000 TCD to 15000 TCD, distillery capacity from 60 KLPD to 90 KLPD (Rectified spirit/ENA/Ethanol) and establishment of 21+5 MW Co-generation Power Plant vide file no. SEIAA-EC-0000002257 dated 1<sup>st</sup> June 2020.

Dear Sir,

With Reference to the above subject matter we are submitting the environmental status Report and Compliance of environmental Clearance conditions.

However, we may mention that industry expanded sugar factory capacity from 9500 TCD to 12000 TCD only for which the Consent to operate is received vide MPCB-CONSENT-0000150628/CO/2212000050 dated 01/12/2022 and expansion of distillery unit from 60 KLPD to 90 KLPD is fully executed but production is yet to start.

Thanking You.

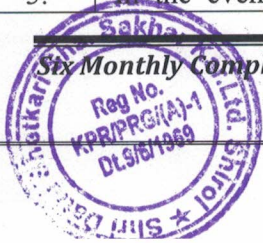
Yours faithfully,  
For Shree Datta S.S.S.K Ltd., Shirol

(M.V.Patil)

Managing Director

**ENVIRONMENTAL CLEARANCE CONDITIONS AND COMPLIANCE**

Sr. No.	EC Conditions	Compliance
<b>Specific Conditions:</b>		
1.	PP to prepare and implement year wise plan to achieve 100% drip irrigation for the area under sugar cane cultivation.	Noted. Being prepared & implemented. The industry is already implemented the drip irrigation programme on 4909 Acres of land since 2010. The industry has distributed the loan amount of Rs. 18,14,42,713/- towards the implementation of the same. The industry is also providing the subsidy to the farmers and as such Rs. 1,90,06,601/- is distributed to the farmers. The action plan for drip irrigation and status of implementation is enclosed as <b>Annexure-I</b>
2.	PP to prepare and implement CER plan in consultation with the District Authority as per OM issued by MoEF&CC dated 01.05.2018.	Industry has spent RS. 1.58 crore on Corporate Environment Responsibility for Sanitation, Drainage and Waste Treatment plant facility and Educational Aids such as Computer, E-learning in factory area.
3.	PP to ensure that CER plan gets approved from District Collector.	Enclosed as <b>Annexure-II</b>
4.	PP to ensure to comply with the conditions stipulated in the Office Memorandum issued by MoEF& CC dated 9th August, 2018.	Noted and complied.
<b>General Conditions:</b>		
1.	(i)PP to achieve Zero Liquid Discharge; PP shall ensure that there is no increase in the effluent load to CETP.	The Industry adopted the cleaner technology to recycle the entire condensates water to process as makeup water for cooling tower/boiler. Industry has its own ETP & CPU & Hence there is no discharge of effluent into CETP
2.	No additional land shall be used/ acquired for any activity of the project without obtaining proper Permission.	Existing land is adequate.
3.	PP to take utmost precaution for the health and safety of the people working in the unit as also for protecting the environment.	Risk analysis was carried out and implemented. Personnel protection equipment's are provided to workers. Health records of the employees are maintained as per Occupational Health Studies and enclosed as <b>Annexure-III</b>
4.	Proper Housekeeping programmers shall be implemented.	Complied. Enclosed as <b>Annexure-IX</b>
5.	In the event of the failure of any pollution	Noted & Strictly followed.



	control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieved.	
6.	A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set. (If applicable)	The stack height provided for DG set is 6 meter above the roof level.
7.	A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.	Already implemented. Collected water is being stored in tanks and used for process water as makeup water for cooling tower/boiler/ greenbelt development/gardening.
8.	Arrangement shall be made that effluent and storm water does not get mixed.	Separate collection systems are provided
9.	Periodic monitoring of ground water shall be undertaken and results analyzed to ascertain any change in the quality of water. Results shall be regularly submitted to the Maharashtra Pollution Control Board.	Carried out regularly. Monitoring results are enclosed as <b>Annexure-X</b>
10.	Noise level shall be maintained as per standards. For people working in the high noise area, requisite personal protective equipment like earplugs etc. shall be provided.	Complied. Noise levels are kept well within the limits.
11.	The overall noise levels in and around the plant are 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 confirm to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989.	Implemented such as acoustic system and Noise proof foundations/enclosures etc. Also plantation is done to reduce noise levels. Results are included in <b>Annexure X</b>
12.	Green belt shall be developed & maintained around the plant periphery. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.	Noted. The industry has already planted 44004 trees. The greenbelt over and above 33% of the total factory area. Photographs are attached as <b>Annexure-IV</b>
13	Adequate safety measures shall be provided to limit the risk zone within the plant boundary, in case of an accident. Leak detection devices shall also be installed at strategic places for early detection and warning.	Risk analysis was carried out and implemented.
14	Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act.	Health records of the employees are maintained as per occupational Health Studies.



*(Handwritten Signature)*

Managing Director

Shri Datta Shetakari Sahakari Sakhar Karkhana Ltd. Post.-Dattanagar-416 120

15	The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.	Firefighting arrangements have been provided around the storage of molasses, bagasse and sugar godowns etc. Fire bridged is available with the industry and arrangement also has been made to contact the nearby industries and municipalities for fire bridged in case of emergencies. Photographs are attached as <b>Annexure-V</b>
16	The project authorities must strictly comply with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous Waste (Management and Handling) Rules, 2003 (amended). Authorization from the MPCB shall be obtained for collections/treatment/storage/disposal of hazardous wastes.	The only hazardous waste generated is spent oil and disposed as per CPCB guidelines to authorized recyclers.
17	Regular mock drills for the on-site emergency management plan shall be carried out. Implementation of changes / improvements required, if any, in the on-site management plan shall be ensured.	Noted & Complied. Attached as <b>Annexure-VII</b>
18	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	Separate environment management cell is already established. Attached as <b>Annexure-VIII</b>
19	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise break-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department.	Complied.
20	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at <a href="http://ec.maharashtra.gov.in">http://ec.maharashtra.gov.in</a>	Already complied. Enclosed as <b>Annexure-VI</b>
21	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and	Submitted regularly.



	conditions in hard & soft copies to the MPCB & this department, on 1 <sup>st</sup> June & 1 <sup>st</sup> December of each calendar year.	
22	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent	Complied.
23	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their 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 SPCB. The criteria pollutant levels namely; SPM, RSPM, SO <sub>2</sub> , NO <sub>x</sub> (ambient levels as well as stack emissions) or critical sectorial parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Complied
24	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 SPCB.	Six Monthly compliance reports are regularly submitted.
25	The environmental statement for each financial year ending 31 <sup>st</sup> March in Form-V as is mandated to be submitted by the project proponent 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 EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.	Submitted regularly.



Managing Director  
Shri Datta Shetkari Sahakari Sakhar  
Karkhana Ltd. Post.-Dattanagar-416 120

Annexure I: Drip Irrigation Plan



SHREE DATTA SHETKARI SAHAKARI SAKHAR KARKHANA LTD., SHIROL.  
श्री दत्त शेतकरी सहकारी साखर कारखाना लिमिटेड, शिरोळ.



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Phone : (02322) 236551 ( 6 Lines ), Fax : (02322) 236600  
kjp.dattsssk@gmail.com

The average registered cane area of our factory is 14500 Hectors and within 2 to 3 years the cane area availability from reclaimed soil will be around 4000 Hectors. Thus the total area under sugar cane will be near about 18500 Hectors. Our Sugar factory Management decided to cover the entire area (i.e.100%) under drip irrigation system. We have already entered into agreement with Jain irrigation, Netafim drip irrigation, finolex plassions and kothari drip irrigation for implementation of drip irrigation scheme. The said scheme is being implemented with 100% loan against recovery from cane payment i.e. 50% recovery from plant cane payment and 50% recovery from ratoon cane payment with interest. Our Sugar Factory assistance in the form of subsidy is Rs.15250 /- Per Hector to farmers. Drip irrigation maintenance services are given to the farmers upto 3 years.

Drip irrigation schemes implemented so far in (Hectors)

Sr.No.	Year	Drip irrigation area ( in Hec.)
01	2010-2011	623
02	2011-2012	523
03	2012-2013	806
04	2013-2014	572
05	2014-2015	524
06	2015-2016	644
07	2016-2017	569
08	2017-2018	599
09	2018-2019	590
	Total.....	5450

Planning for implementation drip irrigation scheme on the remaining cane area (Hectors).

Sr.No.	Year	Drip irrigation area ( in Hec.)
01	2019-2020	1650
02	2020-2021	2000
03	2021-2022	3100
04	2022-2023	3100
05	2023-2024	3200
	Total.....	13050

Yours faithfully  
for SHREE DATTA SSSK LTD., SHIROL

M. V. Patil  
MANAGING DIRECTOR

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Managing Director  
Shri Datta Shetkari Sahakari Sakhar  
Karkhana Ltd. Post.-Dattanagar-416 120

DRIP IRRIGATION IMPLEMENTATION STATUS TILL DATE

Sr. No.	Scheme	Season	No. of Members	Area in Acre	Cost incurred/ loan sanctioned by the industry	Subsidy from the industry	Status
1	49	2010-2011-2012	314	623	2,19,65,381.00	00.00	Implemented
2	58	2012-2013-2014	273	423	1,78,23,736.00	24,38,719.00	Implemented
3	61	2013-2014-2015	533	806	36,53,585.00	40,91,575.00	Implemented
4	64	2014-2015-2016	308	572	2,33,59,487.00	33,17,205.00	Implemented
5	65	2014-2015-2016	136	224	95,60,629.00		Implemented
6	68	2015-16-2017-18	78	144	68,24,246.00		Implemented
7	69	2015-16-2017-18	210	295	1,41,65,952.00	20,96,997.00	Implemented
8	72	2016-2017-2018	249	369	1,87,61,276.00	18,85,571.00	Implemented
9	76	2017-2018-2019	195	235	1,18,90,992.00	14,63,146.00	Implemented
10	79	2018-2019-2020	189	274	1,38,74,559.00	14,46,981.00	Implemented
11	82	2019-2020-2021	196	270	1,35,42,242.00	13,56,091.00	Implemented
12	86	2020-2021-2022	173	238	1,21,46,069.00	1,18,658.00	Implemented
13	89	2021-2022-2023	189	274	1,38,74,559.00	7,91,658.00	Implemented
14	92	2022-2023-2024	111	159	90,62,321.00	00.00	Yet to start
15	93	2023-2024-2025	133	204	1,17,87,067.00	00.00	Yet to start
<b>Total</b>			<b>3287</b>	<b>5113</b>	<b>20,22,92,101.00</b>	<b>1,90,06,601.00</b>	



Managing Director  
 Shri Datta Shetkari Sahakari Sakhar  
 Karkhana Ltd. Post.-Dattanagar-416 120

Annexure II: Approved CER Plan from District Collector

क्र.कार्या-७/गृह/पोल/आरआर-२७२७/२०१९  
जिल्हाधिकारी व जिल्हादंडाधिकारी कार्यालय,  
नागाळा पार्क, कोल्हापूर ४१६ ००३.  
दिनांक : ०५/०१/२०२०.

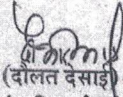
प्रति,  
कार्यकारी संचालक,  
मे. दत्त शेतकरी सहकारी साखर कारखाना लि.,  
दत्तनगर, शिरोळ, ता. शिरोळ, जिल्हा कोल्हापूर

विषय :- Expansion of the Sugart Factory capacity from 9000 to 15000 TCD, Distillery capacity from 60 to 90 KLPD and establishing 24 MW Co-generation Power Plant at Shree Datta Shetkari Sakhar Karkhana Ltd. Dattanagar, Shirol.

संदर्भ :- १. आपलेकडील दिनांक २६/११/२०१९ रोजीचे पत्र.  
२. उप प्रादेशिक अधिकारी, कोल्हापूर यांचेकडील जा.क्र.मप्रनि/उप्राका/को/५०२/२०१९, दि. २४/१२/२०१९ रोजीचे पत्र.

उपरोक्त विषयास अनुसरून संदर्भ क्र. १ अन्वये श्री. दत्त शेतकरी सहकारी साखर लि. शिरोळ यांचे नियोजित विस्तारीकरण करिता पर्यावरण विषयक अनुमतीसाठी रितसर अर्ज पर्यावरण विभागास सादर करण्यात आलेला आहे. सदर अर्जाच्या निपटऱ्यासाठी कारखान्याकडून कापॉरेट एन्व्हायरमेंट रिस्पॉन्सीबिलिटी अंतर्गत विविध सामाजिक व पर्यावरणासाठी करणेत येणाऱ्या खर्चास परवानगी मागणी केलेली आहे.

याबाबत इकडील दिनांक ०३/१२/२०१९ रोजी उप प्रादेशिक अधिकारी, महाराष्ट्र प्रदूषण नियंत्रण महामंडळ, कोल्हापूर यांना कळविणेत आलेले होते. त्यास अनुसरून संदर्भ क्र. २ अन्वये पर्यावरण विभाग नवी दिल्ली यांच्या दि. ०१/०५/२०१८ रोजीच्या ऑफिस मेमोरेंडम मध्ये नमुद केलेल्या मार्गदर्शानुसार शैक्षणिक, आरोग्य, पिण्याचे पाणी व स्वच्छता यासाठी खर्च करणे अपेक्षित आहे. (ऑफिस मेमोरेंडम ची प्रत सोबत जोडली आहे.) कारखान्याने दाखल केलेली कामे व खर्च हा वरील संवर्गामध्ये येतो. असे इकडे कळविलेले आहे. त्याची प्रत सोबत जोडलेली आहे. तरी पर्यावरण विभाग नवी दिल्ली यांच्या दि. ०१/०५/२०१८ रोजीच्या ऑफिस मेमोरेंडम मध्ये नमुद केलेल्या मार्गदर्शक सुचनांचे उल्लंघन होणार नाही याची दक्षता घ्यावी. सदर मार्गदर्शक सुचनांचे उल्लंघन झालेस सदरचे पत्र रद्द समजणेत येईल. आवश्यकते नुसार कामे व त्यावरील खर्चात बदल करणेचा अधिकार इकडील कार्यालाकडे अबाधित ठेवणेत येत आहे. तसेच केलेल्या खर्चाचा दर सहा महिन्यांचा अहवाल महाराष्ट्र प्रदूषण नियंत्रण मंडळ व इकडील कार्यालयास दि. ०१/०५/२०१८ रोजीच्या ऑफिस मेमोरेंडम मध्ये नमुद केलेल्या मुद्दा क्र. 6 (VI) नुसार सादर करावा.

  
(दिलीप देसाई)  
जिल्हादंडाधिकारी कोल्हापूर

प्रत :- उप प्रादेशिक अधिकारी, महाराष्ट्र प्रदूषण नियंत्रण मंडळ, उप प्रादेशिक कार्यालय, कोल्हापूर यांना माहितीसाठी.

G:/Letters3/







**SHREE DATTA SHETKARI SAHAKARI SAKHAR KARKHANA LTD., SHIROL.**  
**श्री दत्त शेतकरी सहकारी साखर कारखाना लिमिटेड, शिरोळ.**



POST:DATTANAGAR 416 120, TALUKA SHIROL, DIST. KOLHAPUR. (MS) INDIA

पोस्ट : दत्तनगर ४१६ १२०, तालुका शिरोळ, जिल्हा कोल्हापूर (महाराष्ट्र) भारत

Phone : ( 02322 ) 236551 ( 6 Lines ). Fax : (02322) 236600

kjp.dattssk@gmail.com

Ref. No. 1927/ENV/MOEF/2023-24

Date: 31/05/2023

Implementation of activities under CER & CSR

Sr. No.	Activities	Amount Expenditure	Remark
01	Educational Purpose (Year-2020-21)	15,000.00	Donate for
02	Educational Purpose (Year-2021-22)	43,000.00	schools
03	Educational Purpose (Year-2022-23)	8,05,835.00	
04	Social activities (Year-2020-21)	22,38,259.00	Donate for different
05	Social activities (Year-2021-22)	8,39,768.00	type of societies and
06	Social activities (Year-2021-22)	1,41,83,749.00	CSR fund for construction of New ITI Building
07	Water supply (Year-2020-21)	29,41,051.00	Drinking water
08	Water supply (Year-2021-22)	36,75,246.00	supply to nearby
09	Water supply (Year-2021-22)	20,37,616.00	factory area
10	Environment Expenditure -2020-21	15,17,657.00	All maintain ace
11	Environment Expenditure -2021-22	25,53,735.00	Environment
12	Environment Expenditure -2022-23	72,82,892.00	expenditure on factory
13	Health & Sanitation (Year-2020-21)	18,57,698.00	All Health &
14	Health & Sanitation (Year-2021-22)	29,11,632.00	Sanitation
15	Health & Sanitation (Year-2022-23)	45,73,292.00	expenditure in factory premises
16	Saline soil Improvement --2021-22	11,90,500.00	Saline soil
17	Saline soil Improvement --2022-23	4,63,000.00	Improvement of farmers

Thanking you,

Yours faithfully,  
For Shree Datta SSSK Ltd., Shirol

(M.V.PATIL)

Managing Director

Encl:- Attachments  
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Annexure III: Sample Health Report of Workers

Certifying Surgeon  
DR. ARVIND MANE  
MBBS DPH AFPH (Mumbai)

Form No. 7 (Prescribed under Rule 18 (7))  
HEALTH REGISTER

From: 27/02/2023 To 26/02/2024

Company Name: SHREE DATTA SHETKARI SAHAKARI SAKHAR KARKHANA LTD. SHIROL

Sr. No.	Emp. No.	Name	Age	Sex	Dept of employment of present work	Date of leaving or transfer to other work	Reason for leaving	Nature of job or occupation	Raw material or by product handled	Exam. Date	Result of Medical Examination	If suspended from work, state period of suspension with detailed reasons	Certified fit to resume duty on with signature of Certifying Surgeon	If Certificate of unfitness or suspension issued to worker	Signature with gate
1	6270	MR. SANJAY S SURKE	55	M	-	NA	NA	NA	NA	27/02/2023	Fit	NA	Fit	NA	
2	6146	MR. BABASO J MOGLADE	55	M	-	NA	NA	NA	NA	27/02/2023	Fit	NA	Fit	NA	
3	6303	MR. CHANDRAKANT M SUBHEDAR	57	M	-	NA	NA	NA	NA	27/02/2023	Fit	NA	Fit	NA	
4	6194	MR. ABDUL R PATEL	57	M	-	NA	NA	NA	NA	27/02/2023	Fit	NA	Fit	NA	
5	6039	MR. BHARMU S MANE	57	M	-	NA	NA	NA	NA	27/02/2023	Fit	NA	Fit	NA	
6	6097	MR. HIMAT M BARGIR	52	M	-	NA	NA	NA	NA	27/02/2023	Fit	NA	Fit	NA	
7	6056	MR. ISHWARA N POWAR	57	M	-	NA	NA	NA	NA	27/02/2023	Fit	NA	Fit	NA	
8	6081	MR. SURESH G APRAJHA	52	M	-	NA	NA	NA	NA	27/02/2023	Fit	NA	Fit	NA	
9	6327	MR. SUBHASH M HERWADE	51	M	-	NA	NA	NA	NA	27/02/2023	Fit	NA	Fit	NA	
10	6094	MR. RAJENDRA D RAJPUT	58	M	-	NA	NA	NA	NA	27/02/2023	Fit	NA	Fit	NA	
11	6059	MR. BABASO D SUTAR	49	M	-	NA	NA	NA	NA	27/02/2023	Fit	NA	Fit	NA	
12	6189	MR. PRAKASH S PATIL	54	M	-	NA	NA	NA	NA	27/02/2023	Fit	NA	Fit	NA	
13	6318	MR. BASAWESHWAR B MORDE	53	M	-	NA	NA	NA	NA	27/02/2023	Fit	NA	Fit	NA	
14	6102	MR. PARASHRAM B KAMBLE	55	M	-	NA	NA	NA	NA	27/02/2023	Fit	NA	Fit	NA	
15	6205	MR. SHRIKANT S PANGARE	53	M	-	NA	NA	NA	NA	27/02/2023	Fit	NA	Fit	NA	
16	6212	MR. BABALAL A PATEL	56	M	-	NA	NA	NA	NA	27/02/2023	Fit	NA	Fit	NA	
17	6214	MR. RAMGONDA B PATIL	53	M	-	NA	NA	NA	NA	27/02/2023	Fit	NA	Fit	NA	
18	6243	MR. ASHOK A ZELE	52	M	-	NA	NA	NA	NA	27/02/2023	Fit	NA	Fit	NA	
19	6001	MR. TORGOVAND D PATIL	58	M	-	NA	NA	NA	NA	27/02/2023	Fit	NA	Fit	NA	

Page 1 of 20

कारखाने का अधिकारी  
कारखाने प्रशासक  
प्राधिकृत प्रमाणक शैल्यधिकृत



Form No 7 (Prescribed under Rule 18 (7))

HEALTH REGISTER

From: 27/02/2023 To 26/02/2024

Certifying Surgeon  
DR. ARVIND MANE  
MBBS DPH AFH (Mumbai)

Company Name: SHREE DATTA SHETKARI SAHAKARI SAKHAR KARKHANALTD. SHIROAL

Sr. No.	Emp. No.	Name	Age	Sex	Dept of employment or present work	Date of leaving or transfer to other work	Reason for leaving	Nature of job or occupation	Raw material or bye product handled	Exam. Date	Result of Medical Examination	If suspended from work, state period of suspension with detailed reasons	Certified fit to resume duty on with signature of Certifying Surgeon	If Certificate of unfitness or suspension issued to worker	Signature with gate certifying surgeon.
20	6324	MR. SUGRIV A BHUGADE	55	M		NA	NA			27/02/2023	Fit	NA	NA		
21	6176	MR. RAMESH B SURVANSHI	53	M		NA	NA			27/02/2023	Fit	NA	NA		
22	6211	MR. PRAKASH G SUTAR	54	M		NA	NA			27/02/2023	Fit	NA	NA		
23	6225	MR. UNOS BHUSARI	56	M		NA	NA			27/02/2023	Fit	NA	NA		
24	6226	MR. SANJAY S BINWALE	51	M		NA	NA			27/02/2023	Fit	NA	NA		
25	6282	MR. RAJENDRA S PATIL	53	M		NA	NA			27/02/2023	Fit	NA	NA		
26	6276	MR. KUMAR M NIRLE	58	M		NA	NA			27/02/2023	Fit	NA	NA		
27	6042	MR. ARUN B SAWANT	53	M		NA	NA			27/02/2023	Fit	NA	NA		
28	3115	MR. VIJAY NARDE	38	M		NA	NA			27/02/2023	Fit	NA	NA		
29	3198	MR. SHRIDHAR V KULKARNI	34	M		NA	NA			27/02/2023	Fit	NA	NA		
30	3182	MR. DEEPAK B GASTE	29	M		NA	NA			27/02/2023	Fit	NA	NA		
31	3250	MR. SHIVANAND M BANDGAR	25	M		NA	NA			27/02/2023	Fit	NA	NA		
32	3120	MR. AJEET M PATIL	34	M		NA	NA			27/02/2023	Fit	NA	NA		
33	3080	MR. MAHADEO S JADHAV	51	M		NA	NA			27/02/2023	Fit	NA	NA		
34	3110	MR. SARDAR M SHEKH	56	M		NA	NA			27/02/2023	Fit	NA	NA		
35	3028	MR. SAMBHAJI A GASTE	47	M		NA	NA			27/02/2023	Fit	NA	NA		
36	3270	MR. DARSHAN A BIRJOE	25	M		NA	NA			27/02/2023	Fit	NA	NA		
37	3201	MR. SANTOSH S CIDGOLE	34	M		NA	NA			27/02/2023	Fit	NA	NA		
38	3205	MR. KRUSHI Y SHINDE	30	M		NA	NA			27/02/2023	Fit	NA	NA		

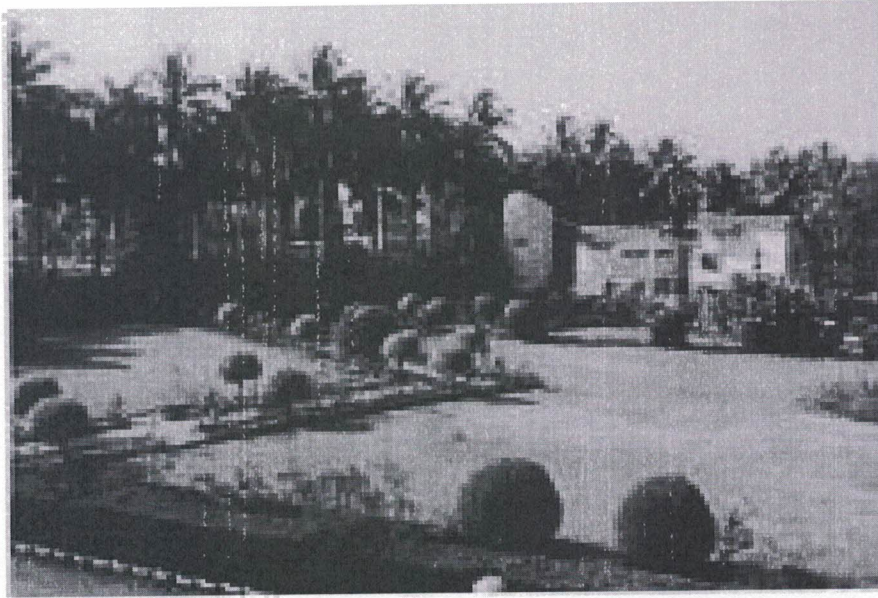
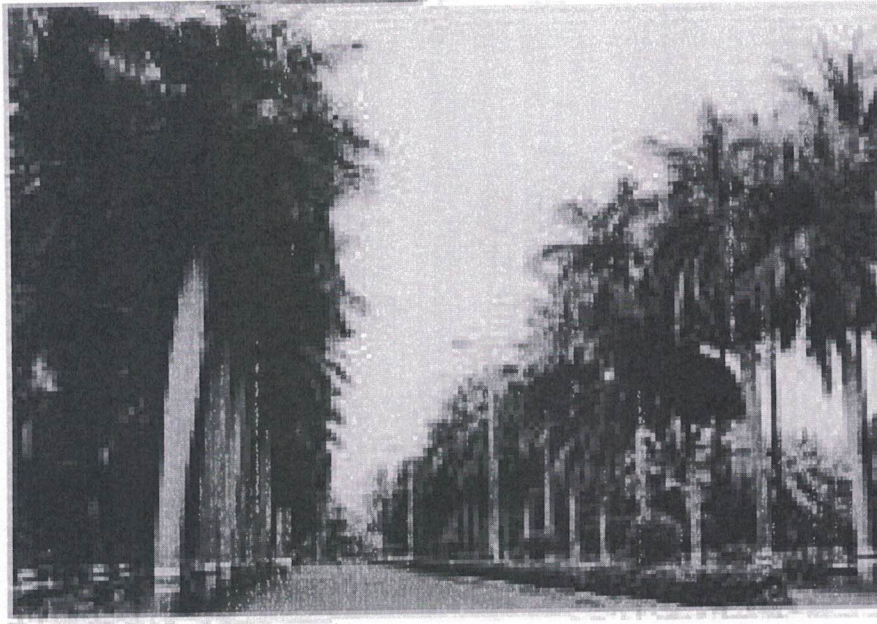
Page 2 of 20

कार्यालय शाहिरवाडी, पोस्ट-दत्तनगर-१०२ प्रमाणित  
प्रमाणित प्रमाणिकृत्यचिकित्सक  
Dr. Arvind Mane

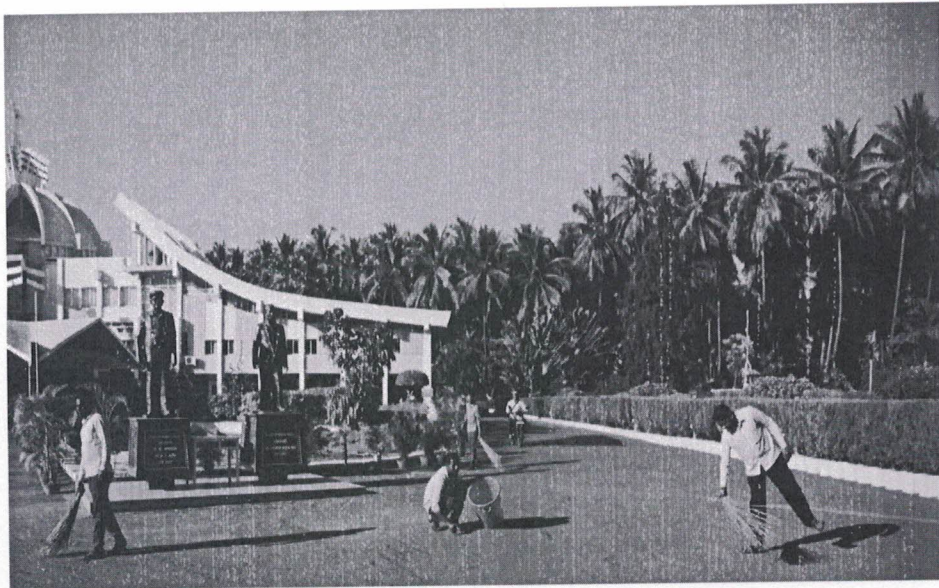
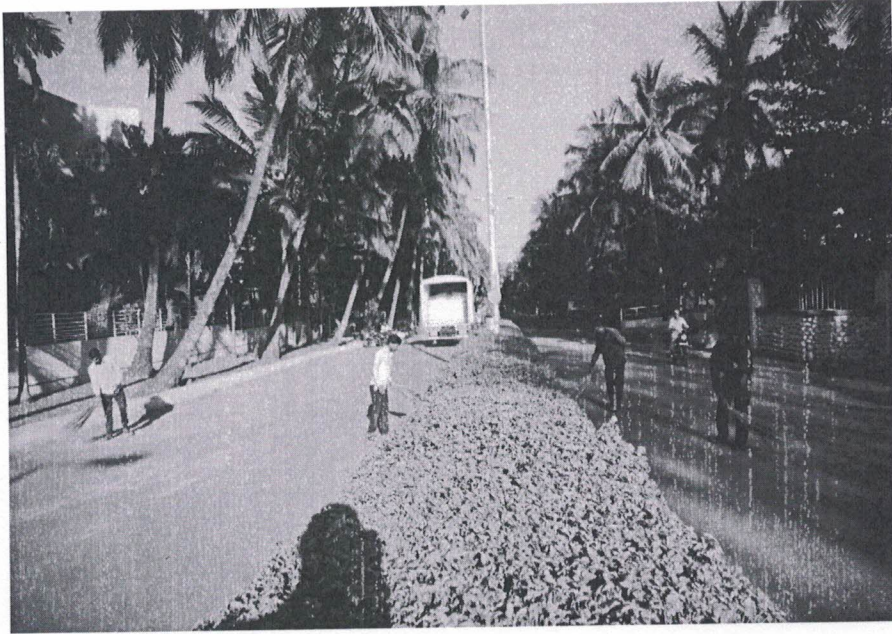


Managing Director  
Shri Datta Shetkari Sahakari Sakhar  
Karkhana Ltd. Post.-Dattanagar-416 120

**Annexure IV: Photographs of Greenbelt**

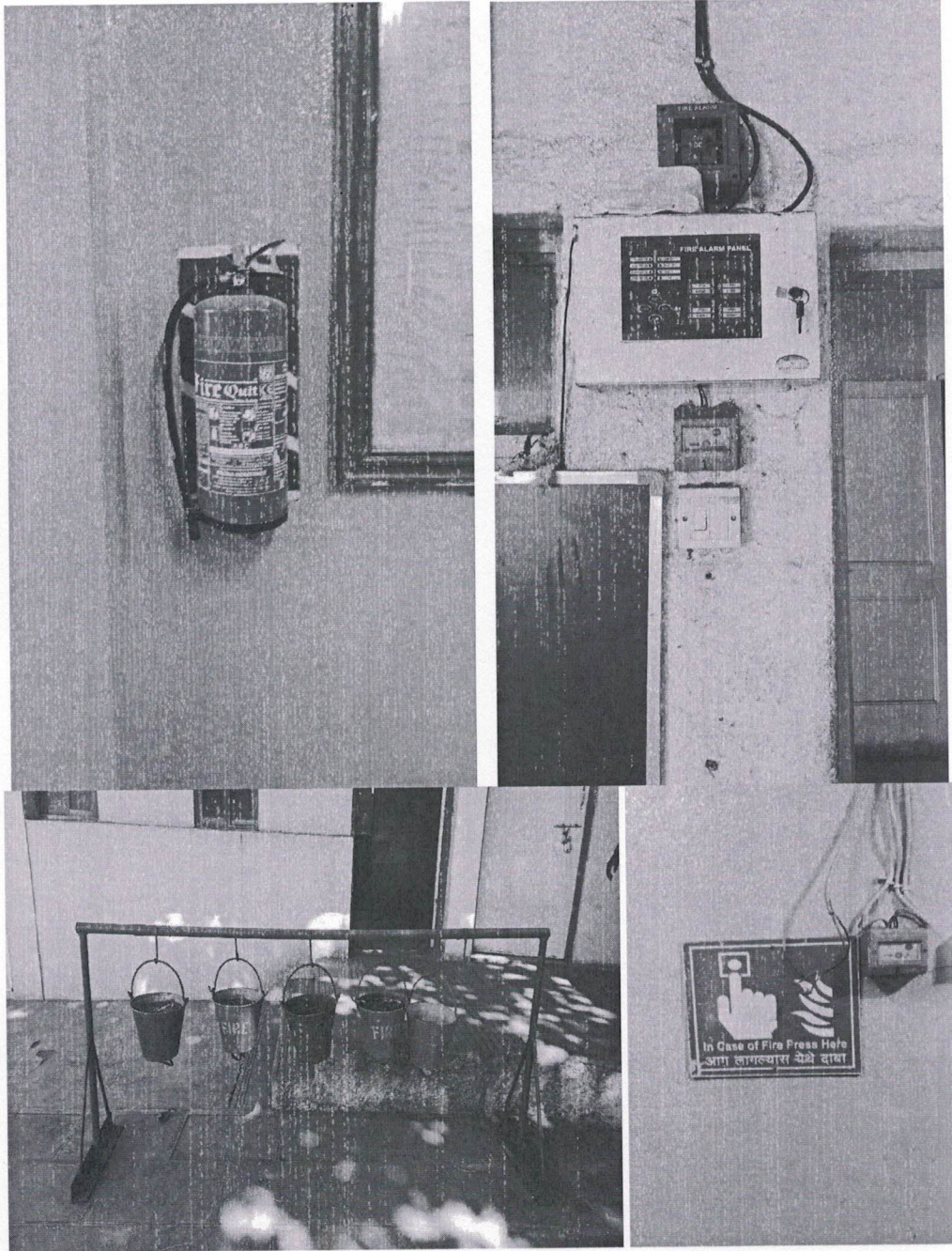


  
Managing Director  
Shri Datta Shetkari Sahakari Sakhar  
Karkhana Ltd. Post.-Dattanagar-416 120



  
Managing Director  
Shri Datta Shetkari Sahakari Sakhar  
Karkhana Ltd. Post.-Dattanagar-416 120

Annexure V: Photographs of Fire Fighting Equipments



  
Managing Director  
Shri Datta Shetkari Sahakari Sakhar  
Karkhana Ltd. Post.-Dattanagar-416 120

Annexure VI: Advertisement

1) Nav Maharashtra News Paper dated 06/06/2020

**माहिती**  
श्री दत्त शेतकरी सहकारी साखर कारखाना लि.,  
शिरोळ, ता. शिरोळ, जि. कोल्हापूर या कारखान्यास  
प्रतिदिनी १००० मे.टन ते १५,००० मे. टन ऊस  
गाळप क्षमतेचे विस्तारीकरण तसेच आसवनी  
उत्पादन क्षमता ६० केंएलडी ते ९० केंएलडी व  
२१ + ५ मे. वॉट विज निर्मितीसाठी पर्यावरणीय  
मंजूरी मिळालेली आहे. सदर पर्यावरण मंजूरी महाराष्ट्र  
प्रदुषण नियंत्रण मंडळ यांचेकडे तसेच  
<http://ec.maharashtra.gov.in> या  
वेबसाईटवर उपलब्ध आहे.  
एम. व्ही. पाटील  
कार्यकारी संचालक  
दत्तनगर - ४१६ १२०  
दिनांक - ०६/०६/२०२०

2) Vijay Karnataka Beggum Avartti dated 06/06/2020

Call : 984434766 Cell : 9980209024

**ಶ್ರೀ ದತ್ತ ಶೇತಕರಿ ಸಹಕಾರಿ ಸಖರ ಕಾರಖಾನೆ**  
ಶ್ರೀ ದತ್ತ ಶೇತಕರಿ ಸಹಕಾರಿ ಸಖರ ಕಾರಖಾನೆ  
ಶಿರೂಳ, ತಾ. ಶಿರೂಳ, ಜಿ. ಕೋಲ್ಹಾಪೂರ  
ಫೋನ್ : 984434766, 02322 436551, 8 00001 Fax : 02322 436005  
E Mail : KSP.984434766@gmail.com

**ಸಾರ್ವಜನಿಕ ಪ್ರಕಟಣೆ**

ಸಮ್ಮು ಆಫೀಸಿನಿಗೆ ದಿನಂತ್ಯ ३००० ಮಿ. ಟನ್ ದಿಂದ १०००० ಮಿ. ಟನ್ ವರೆಗೆ ಸೆಟ್ಟು ಕಟ್ಟು ಸುರಿಸುವ ಸಾಕುತ್ಯಕ್ಕೆ, ದಿಕ್ಕಿಲರಿ ಉತ್ಪಾದನೆ ६० ಕಿ.ಲೀ. ದಿಂದ ३० ಕಿ. ಲೀ ಗೆ ಮತ್ತು 21+5 ಮಿ. ಟನ್ ದಿಕ್ಕಿಲ್ ಉತ್ಪಾದನೆಗೆ ಮಾನ್ಯತೆ ಸಿಕ್ಕಿಯವುದು. ಈ ಕರಿಸರ ಮಾನ್ಯತೆಯು ಮಹಾಂತ್ಯ ಮಾನ್ಯತೆ ನಿಯಂತ್ರಣ ಮಂಡಲಿಯ ಕಡೆಗೆ ಮತ್ತು <http://ec.maharashtra.gov.in> ಕೆ ವೆಬ್‌ಸೈಟ್‌ನಲ್ಲಿ ಲಭ್ಯವಿದೆ.

ದತ್ತ ನಗರ - 416120 ಸಹಿ / ಎಂ. ವಿ. ಪಾಟೀಲ  
ದಿನಾಂಕ : 06-06-2020 ಆಯುಕ್ತಾಧಿ ನಿರ್ದೇಶಕರು



Annexure VII: Details of Mock Drill



SHREE DATTA SHETKARI SAHAKARI SAKHAR KARKHANA LTD., SHIROL.

श्री दत्त शेतकरी सहकारी साखर कारखाना लिमिटेड, शिरोळ.



POST:DATTANAGAR 416 120, TALUKA SHIROL, DIST. KOLHAPUR. (MS) INDIA

पोस्ट : ददनगर ४१६ १२०, तालुका शिरोळ, जिल्हा कोल्हापूर (महाराष्ट्र) भारत

Phone : ( 02322 ) 236551 ( 6 Lines ), Fax : (02322) 236600

klp.dattsssk@gmail.com

जा.क्र. १०४२

/एलडब्ल्यू/मॉकड्रिल/२०२३

दि.१०/०३/२०२३

रजि ए.डी

मा.सु.सा.जोशीसाो,  
सह.संचालक,  
औद्योगिक सुरक्षा व आरोग्य संचालनालय,  
स.न.२५४,उद्योग भवन, तळ मजला,असेव्ली रोड,  
जिल्हाधिकारी कार्यालयाजवळ, कोल्हापुर.

विषय:- कारखान्यामध्ये मॉक ड्रिल (Mock Drill) घेऊन अहवाल सादर करणेबाबत.

महोदय,  
उपरोक्त विषयास अनुसरून कळविणेत येते की कारखान्याच्या डिस्टलरी विभागाकडे  
दि.१०/०३/२०२३ रोजी अपघात हाताळण्याची रंगीत तालीम (Mock Drill) घेणेत आले आहे. सादर  
रंगीत तालीम (Mock Drill) चा अहवाल फोटोग्राफसह यासोबत सादर करीत आहोत.  
कळावे,

आपला विश्वासू  
श्री.दत्त शेतकरी.सह.सा.का.लि.,शिरोळ

H Sanjay  
(एस एच संकपाळ)  
मॅनेजर

(एम व्ही पाटील)  
कार्यकारी संचालक

सोबत बरील प्रमाणे

३







SHREE DATTA SHETKARI SAHAKARI SAKHAR KARKHANA LTD., SHIROL.  
श्री दत्त शेतकरी सहकारी साखर कारखाना लिमिटेड, शिरोळ.



POST:DATTANAGAR 416 120, TALUKA SHIROL, DIST. KOLHAPUR. (MS) INDIA

पोस्ट : दत्तनगर ४१६ १२०, तालुका शिरोळ, जिल्हा कोल्हापूर (महाराष्ट्र) भारत

Phone : (02322) 236551 ( 6 Lines ), Fax : (02322) 236600

klp.dattssk@gmail.com

### OBSERVATION RECORD OF MOCK DRILL

Date : 10/03/2023 Time: 11.15 AM  
Area : Distillery  
Communication : Factory Manager, Distillery Manager, Safety Officer  
Scenario : Fire Occurrence Outside Distillery Premises.

#### Sequence of events:-

1. At 11:15 AM, Mr. Vasant Pawar Welder doing welding work outside distillery premises. The spent lease chamber of distillery section overflows due to blockage and some spent lease spread in the premises. While doing welding work welding spot felt into spread spent lease and caught fire.
2. At 11.17AM Mr. Pawar Notices fire and informed Distillery Manager Mr. Sanjay Yadav who Immediately inform emergency occurrence to site controller Mr.S.H.Sankpal.
3. Site Controller will immediately rush to emergency control center and declare emergency at 11.18 AM. Security Officer Mr.Gharge operated the emergency siren immediately. Meanwhile, Mr.Pawar got minor burns while extinguishing the fire with extinguisher.
4. After hearing Emergency Siren all workers gathered near assembly point at 11.19 AM. The firefighting team starts firefighting operations at 11.20 AM with the help of fire fighting vehicle and fire hydrant system. Simultaneously Rescue and Evacuation team evacuate affected area and brought injured person at assembly point where they arrange first aid and shifted him to Shree Datta Arogya Kendra by ambulance for further treatment at 11.23 AM.
5. Firefighting team which put off the fire completely at 11.24 AM. After the accessing the situation fire brigade declares all Clear.
6. The Site Controller directed to blow the all clear siren at 11.26 AM.
7. After gathering of all teams near Assembly Point head count taken at 11.27 AM by Communication Officer Mr.J.B.Desai.
8. All the Team will explain how they done their jobs and difficulties faced by them. The Site Controller/Senior Officials discuss the issues with the team members to find out the short comings.

Page 2 of 5





SHREE DATTA SHETKARI SAHAKARI SAKHAR KARKHANA LTD., SHIROL.  
श्री दत्त शेतकरी सहकारी साखर कारखाना लिमिटेड, शिरोळ.



POST:DATTANAGAR 416 120, TALUKA SHIROL, DIST. KOLHAPUR. (MS) INDIA

पोस्ट : दत्तनगर ४१६ १२०, तालुका शिरोळ, जिल्हा कोल्हापूर (महाराष्ट्र) भारत

Phone : ( 02322 ) 236551 ( 6 Lines ), Fax : (02322) 236600

kp.dattssk@gmail.com

**Positive Findings:-**

1. Welder Mr. Pawar immediately started extinguishing the fire by using appropriate Foam Extinguisher.

**Short Comings: -**

1. Spent lease chamber blockage causes spreading of spent lease which contains alcohol traces.

**Details of Mock Drill:-**

Date of Mock drill: 10/03/2023

Time: 11.15 AM

Name of Site Controller: S.H.Sankpal – Works & Factory Manager.

Name of Chief Controller: M.V.Patil – Managing Director.

**Responses: -**

Mock Drill Started: 11.15 AM.

Mock Drill Completed: 11.27 AM.

Total time for Mock Drill Completion: 12 Min.

Response of various Teams: 3 Min.





**SHREE DATTA SHETKARI SAHAKARI SAKHAR KARKHANA LTD., SHIROL.**  
**श्री दत्त शेतकरी सहकारी साखर कारखाना लिमिटेड, शिरोळ.**



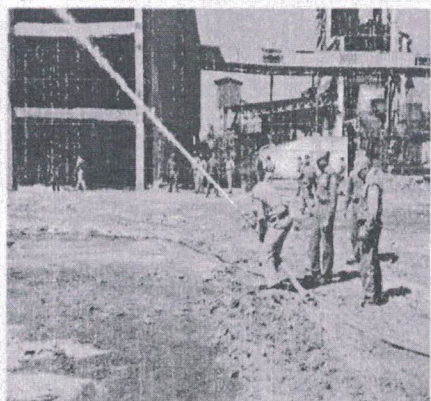
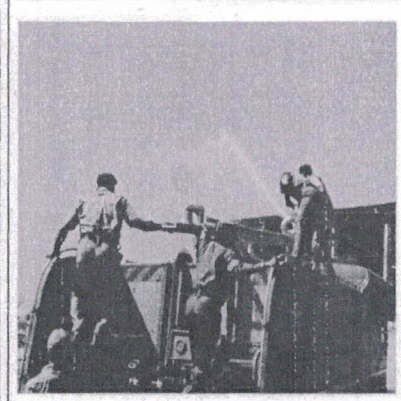
POST:DATTANAGAR 416 120, TALUKA SHIROL, DIST. KOLHAPUR. (MS) INDIA

पोस्ट : दत्तनगर ४१६ १२०, तालुका शिरोळ, जिल्हा कोल्हापूर (महाराष्ट्र) भारत

Phone : (02322) 236551 (6 Lines), Fax : (02322) 236600

kjp.dattsssk@gmail.com

**PHOTOS-**

Fire Occurrence due to gas cutting work	Fire Hydrant Hose Laying
	
Fire Extinguishing by Fire Hydrant	Fire Extinguishing
	





**SHREE DATTA SHETKARI SAHAKARI SAKHAR KARKHANA LTD., SHIROL.**

**श्री दत्त शेतकरी सहकारी साखर कारखाना लिमिटेड, शिरोळ.**

POST:DATTANAGAR 416 120, TALUKA SHIROL, DIST. KOLHAPUR. (MS) INDIA

पोस्ट : दत्तनगर ४१६ १२०, तालुका शिरोळ, जिल्हा कोल्हापूर (महाराष्ट्र) भारत

Phone : (02322) 236551 (6 Lines), Fax : (02322) 236600

kpl.dattssk@gmail.com

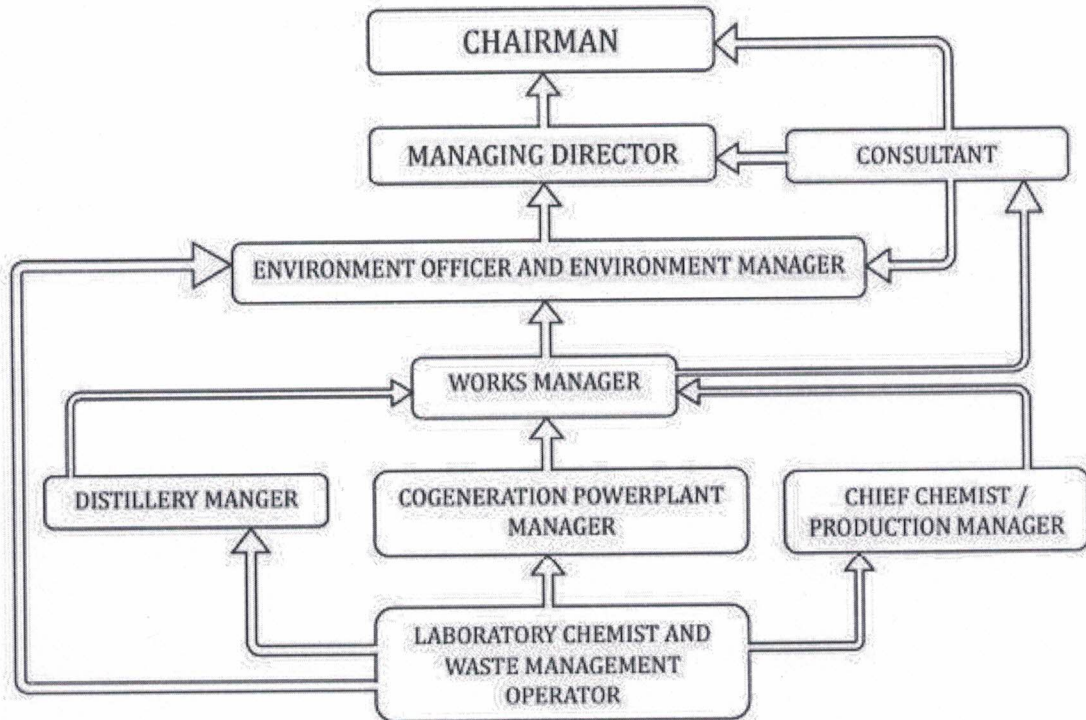


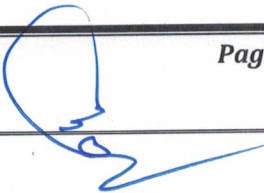
Shifting of Injured to Hospital	Ambulance Departure

	Presented by	Approved by
Sign		
Name	<b>S.H.Sankpal</b>	<b>M.V.Patil</b>
Designation	Manager	Managing Director

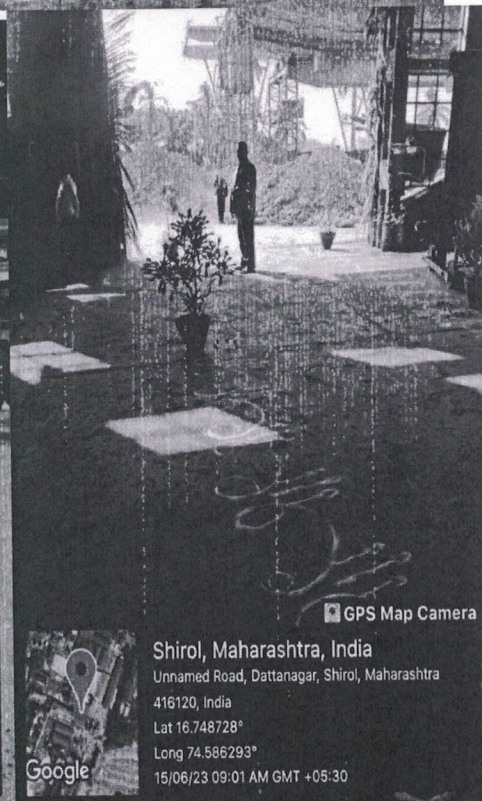
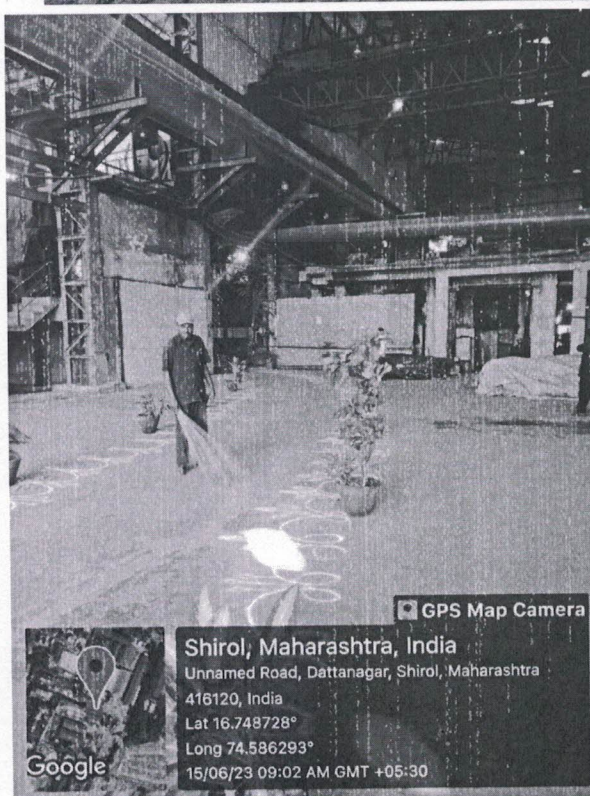


**Annexure VIII: Details of Environmental Management Cell**



  
**Managing Director**  
Shri Datta Shetkari Sahakari Sakhar  
Karkhana Ltd. Post.-Dattanagar-416 120

Annexure IX: Proper Housekeeping Photographs



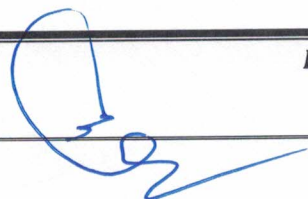
  
Managing Director  
Shri Datta Shetkari Sahakari Sakhar  
Karkhana Ltd. Post.-Dattanagar-416 120

**Annexure X: Monitoring Reports**

<b><u>TEST REPORT</u></b>	
<b><u>STACK EMISSIONS</u></b>	
Report Ref. No.	SEC/Cogen Stack-EH/01-23
Report Date	16 January 2023
Name of industry	Shri Datta Shetakari SSK Ltd., Dattanagar.
Address	Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.
Start Date of commencement of Sampling	05 January 2023
Start Time of commencement of Sampling	03:30 pm
End Date of commencement of Sampling	05 January 2023
End Time of commencement of Sampling	04:00 pm
Retention period of the remnant sample	30 days
<b><u>PARTICULARS OF STACK</u></b>	
Stack attached to boiler	180 TPH [ESP]
Stack Diameter	4.00 m
Stack Height	100.00 m
Stack Temperature	112°C
Stack Velocity of Flue Gases	9.9 m/s
Type of Fuel	Bagasse

<b><u>POLLUTION PARAMETER RESULTS</u></b>						
Parameter	Results			Limits	Units	Method Used
	Jan	Feb	March			
Particulate Matter (PM)	79	87	92	150	mg/Nm <sup>3</sup>	IS 11255 (Part 1): 1985, Reaffirmed 2003
SO <sub>2</sub>	26	33	35	80	mg/Nm <sup>3</sup>	IS-11255 (Part 2): 1985 Reaffirmed 2009
NO <sub>x</sub>	47	54	56	80	mg/Nm <sup>3</sup>	IS-11255 (Part 7): 2005 Reaffirmed 2012
<b>Note:</b> The test report shall not be reproduced except in full without written approval of the laboratory.						



  
**Managing Director**  
 Shri Datta Shetkari Sahakari Sakhar  
 Karkhana Ltd. Post.-Dattanagar-416 120

**AMBIENT AIR QUALITY REPORT**

Report Ref. No. : SEC/AA-EH/01-23	End of Analysis : 14 January 2023
Name of Industry/Customer: <b>Shri Datta Shetkari SSK Ltd., Dattanagar.</b>	Report Date : 16 January 2023
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : AA1-EH
Date of Collection / Sampling : 05 January 2023	Sample Description: Ambient Air
Date of Receipt : 06 January 2023	Sample Collected By: SEC Lab
Sample Location : <b>Near Sugar Main Gate</b>	

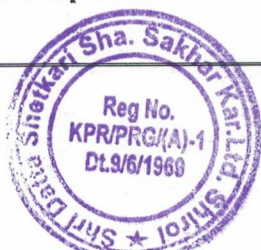
**AMBIENT AIR QUALITY REPORT**

Report Ref. No. : SEC/AA-EY/02-23	End of Analysis : 20 February 2023
Name of Industry/Customer: <b>Shri Datta Shetkari SSK Ltd., Dattanagar.</b>	Report Date : 21 February 2023
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : AA1-EY
Date of Collection / Sampling : 05 February 2023	Sample Description: Ambient Air
Date of Receipt : 06 February 2023	Sample Collected By: SEC Lab
Sample Location : <b>Near Sugar Main Gate</b>	

**AMBIENT AIR QUALITY REPORT**

Report Ref. No. : SEC/AA-FL/03-23	End of Analysis : 16 March 2023
Name of Industry/Customer: <b>Shri Datta Shetkari SSK Ltd., Dattanagar.</b>	Report Date : 18 March 2023
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : AA1-FL
Date of Collection / Sampling : 07 March 2023	Sample Description: Ambient Air
Date of Receipt : 08 March 2023	Sample Collected By: SEC Lab
Sample Location : <b>Near Sugar Main Gate</b>	

Sr. No.	Parameter	Unit	Jan	Feb	March	Standard Limit	Test Method
1	Particulate Matter (PM 10)	µg/m <sup>3</sup>	76	77	72	100	IS 5182 (Part 23): 2006 Reaffirmed 2012
2	Particulate Matter (PM 2.5)	µg/m <sup>3</sup>	38	39	37	60	SEC/SOP/Air/Ambient/03:2018
3	Sulphur Dioxide (as SO <sub>2</sub> )	µg/m <sup>3</sup>	16.00	16.00	15.00	80	IS 5182 (Part 2): 2001
4	Nitrogen Dioxide (as NO <sub>x</sub> )	µg/m <sup>3</sup>	19.00	18.00	17.00	80	IS 5182 (Part 6): 2006





**AMBIENT AIR QUALITY REPORT**

Report Ref. No. : SEC/AA-EY/02-23	End of Analysis : 20 February 2023
Name of Industry/Customer: <b>Shri Datta Shetkari SSK Ltd., Dattanagar.</b>	Report Date : 21 February 2023
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : AA2-EY
Date of Collection / Sampling : 05 February 2023	Sample Description: Ambient Air
Date of Receipt : 06 February 2023	Sample Collected By: SEC Lab
Sample Location : <b>Near Sugar ETP Plant</b>	

Sr. No.	Parameter	Unit	Result	Standard Limit	Test Method
1	Particulate Matter (PM 10)	µg/m <sup>3</sup>	83	100	IS 5182 (Part 23): 2006 Reaffirmed 2012
2	Particulate Matter (PM 2.5)	µg/m <sup>3</sup>	41	60	SEC/SOP/Air/Ambient/03:2018
3	Sulphur Dioxide (as SO <sub>2</sub> )	µg/m <sup>3</sup>	15.00	80	IS 5182 (Part 2): 2001
4	Nitrogen Dioxide (as NO <sub>x</sub> )	µg/m <sup>3</sup>	17.00	80	IS 5182 (Part 6): 2006

**AMBIENT AIR QUALITY REPORT**

Report Ref. No. : SEC/AA-EH/01-23	End of Analysis : 14 January 2023
Name of Industry/Customer: <b>Shri Datta Shetkari SSK Ltd., Dattanagar.</b>	Report Date : 16 January 2023
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : AA2-EH
Date of Collection / Sampling : 05 January 2023	Sample Description: Ambient Air
Date of Receipt : 06 January 2023	Sample Collected By: SEC Lab
Sample Location : <b>Near Cogen Plant (Urjankur Gate)</b>	

Sr. No.	Parameter	Unit	Result	Standard Limit	Test Method
1	Particulate Matter (PM 10)	µg/m <sup>3</sup>	79	100	IS 5182 (Part 23): 2006 Reaffirmed 2012
2	Particulate Matter (PM 2.5)	µg/m <sup>3</sup>	37	60	SEC/SOP/Air/Ambient/03:2018
3	Sulphur Dioxide (as SO <sub>2</sub> )	µg/m <sup>3</sup>	13.00	80	IS 5182 (Part 2): 2001
4	Nitrogen Dioxide (as NO <sub>x</sub> )	µg/m <sup>3</sup>	15.00	80	IS 5182 (Part 6): 2006



Name of Sample: Sugar ETP Inlet

**TEST REPORT**

Report Ref. No. : SEC/W-EH/01-23	End of Analysis : 14 January 2023
Name of Industry/Customer: <b>Shri Datta Shetkari SSK Ltd., Dattanagar.</b>	Report Date : 16 January 2023
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : EH1
Date of Collection / Sampling : 05 January 2023	Nature of Sample: Water
Date of Receipt : 06 January 2023	Sample Collected By: SEC Lab
Date of Analysis: 06 January 2023	Sample Quantity : 1 lit

**TEST REPORT**

Report Ref. No. : SEC/W-EY/02-23	End of Analysis : 20 February 2023
Name of Industry/Customer: <b>Shri Datta Shetkari SSK Ltd., Dattanagar.</b>	Report Date : 21 February 2023
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : EY4
Date of Collection / Sampling : 11 February 2023	Nature of Sample: Water
Date of Receipt : 12 February 2023	Sample Collected By: SEC Lab
Date of Analysis: 12 February 2023	Sample Quantity : 1 lit

**TEST REPORT**

Report Ref. No. : SEC/W-FL/03-23	End of Analysis : 16 March 2023
Name of Industry/Customer: <b>Shri Datta Shetkari SSK Ltd., Dattanagar.</b>	Report Date : 18 March 2023
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : FL4
Date of Collection / Sampling : 07 March 2023	Nature of Sample: Water
Date of Receipt : 08 March 2023	Sample Collected By: SEC Lab
Date of Analysis: 08 March 2023	Sample Quantity : 1 lit

Sr. No.	Test Parameter	Jan	Feb	March	Unit	Test Method
1	pH @ 25 °C	5.41	4.38	4.31	-	IS:3025 (P-11) 1983
2	Chemical Oxygen Demand	4162	5004	5605	mg/l	IS:3025 (P-58) 2006
3	B.O.D. (3 days at 27°C)	1774	2153	2540	mg/l	IS:3025 (P-44) 1993
4	Total Dissolved Solids	2908	2734	2952	mg/l	IS:3025(P-16)1984
5	Total Suspended Solids	302	288	310	mg/l	IS:3025 (P-17) 1984
6	Chloride as Cl <sup>-</sup>	553	566	699	mg/l	IS:3025 (P-32) 1988
7	Sulphate as SO <sub>4</sub>	188	215	371	mg/l	IS:3025 (P-24) 1986
8	Oil & Grease	10	10	10	mg/l	IS:3025 (P-39) 1991 (RA 2003)



Name of Sample: Sugar ETP Outlet

**TEST REPORT**

Report Ref. No. : SEC/W-EH/01-23	End of Analysis : 14 January 2023
Name of Industry/Customer: <b>Shri Datta Shetkari SSK Ltd., Dattanagar.</b>	Report Date : 16 January 2023
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : EH2
Date of Collection / Sampling : 05 January 2023	Nature of Sample: Water
Date of Receipt : 06 January 2023	Sample Collected By: SEC Lab
Date of Analysis: 06 January 2023	Sample Quantity : 1 lit

**TEST REPORT**

Report Ref. No. : SEC/W-EY/02-23	End of Analysis : 20 February 2023
Name of Industry/Customer: <b>Shri Datta Shetkari SSK Ltd., Dattanagar.</b>	Report Date : 21 February 2023
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : EY5
Date of Collection / Sampling : 11 February 2023	Nature of Sample: Water
Date of Receipt : 12 February 2023	Sample Collected By: SEC Lab
Date of Analysis: 12 February 2023	Sample Quantity : 1 lit

**TEST REPORT**

Report Ref. No. : SEC/W-FL/03-23	End of Analysis : 16 March 2023
Name of Industry/Customer: <b>Shri Datta Shetkari SSK Ltd., Dattanagar.</b>	Report Date : 18 March 2023
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : FL5
Date of Collection / Sampling : 07 March 2023	Nature of Sample: Water
Date of Receipt : 08 March 2023	Sample Collected By: SEC Lab
Date of Analysis: 08 March 2023	Sample Quantity : 1 lit

Sr. No.	Test Parameter	Jan	Feb	March	Unit	Test Method
1	pH @ 25 °C	8.13	7.65	7.89	-	IS:3025 (P-11) 1983
2	Chemical Oxygen Demand	136	141	136	mg/l	IS:3025 (P-58) 2006
3	B.O.D. (3 days at 27°C)	48	51	47	mg/l	IS:3025 (P-44) 1993
4	Total Dissolved Solids	1291	1307	1028	mg/l	IS:3025(P-16)1984
5	Total Suspended Solids	58	57	56	mg/l	IS:3025 (P-17) 1984
6	Chloride as Cl <sup>-</sup>	98	75	109	mg/l	IS:3025 (P-32) 1988
7	Sulphate as SO <sub>4</sub>	128	155	170	mg/l	IS:3025 (P-24) 1986
8	Oil & Grease	ND	ND	ND	mg/l	IS:3025 (P-39) 1991 (RA 2003)



Name of Sample: Sugar Spraypond Overflow

**TEST REPORT**

Report Ref. No. : SEC/W-EH/01-23	End of Analysis : 14 January 2023
Name of Industry/Customer: <b>Shri Datta Shetakari SSK Ltd., Dattanagar.</b>	Report Date : 16 January 2023
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : EH4
Date of Collection / Sampling : 05 January 2023	Nature of Sample: Water
Date of Receipt : 06 January 2023	Sample Collected By: SEC Lab
Date of Analysis: 06 January 2023	Sample Quantity : 1 lit

**TEST REPORT**

Report Ref. No. : SEC/W-EY/02-23	End of Analysis : 20 February 2023
Name of Industry/Customer: <b>Shri Datta Shetakari SSK Ltd., Dattanagar.</b>	Report Date : 21 February 2023
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : EY7
Date of Collection / Sampling : 11 February 2023	Nature of Sample: Water
Date of Receipt : 12 February 2023	Sample Collected By: SEC Lab
Date of Analysis: 12 February 2023	Sample Quantity : 1 lit
Name of Sample : <b>Sugar Spraypond Overflow</b>	

Sr. No.	Test Parameter	Jan	Feb	Unit	Test Method
1	pH @ 25 °C	7.91	7.56	-	IS:3025 (P-11) 1983
2	Chemical Oxygen Demand	1080	979	mg/l	IS:3025 (P-58) 2006
3	B.O.D. (3 days at 27°C)	435	430	mg/l	IS:3025 (P-44) 1993
4	Total Dissolved Solids	1198	1145	mg/l	IS:3025(P-16)1984
5	Total Suspended Solids	186	179	mg/l	IS:3025 (P-17) 1984
6	Chloride as Cl <sup>-</sup>	43	67	mg/l	IS:3025 (P-32) 1988
7	Sulphate as SO <sub>4</sub>	274	239	mg/l	IS:3025 (P-24) 1986
8	Oil & Grease	ND	ND	mg/l	IS:3025 (P-39) 1991 (RA 2003)



  
Managing Director  
Shri Datta Shetakari Sahakari Sakhar  
Karkhana Ltd. Post.-Dattanagar-416 120

**TEST REPORT**

Report Ref. No. : SEC/W-EY/02-23	End of Analysis : 20 February 2023
Name of Industry/Customer: <b>Shri Datta Shetkari SSK Ltd., Dattanagar.</b>	Report Date : 21 February 2023
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : EY6
Date of Collection / Sampling : 11 February 2023	Nature of Sample: Water
Date of Receipt : 12 February 2023	Sample Collected By: SEC Lab
Date of Analysis: 12 February 2023	Sample Quantity : 1 lit
Name of Sample : <b>Sugar Condensate Inlet</b>	

Sr. No.	Test Parameter	Result	Unit	Test Method
1	pH @ 25 °C	6.70	-	IS:3025 (P-11) 1983
2	Chemical Oxygen Demand	349	mg/l	IS:3025 (P-58) 2006
3	B.O.D. (3 days at 27°C)	131	mg/l	IS:3025 (P-44) 1993
4	Total Dissolved Solids	120	mg/l	IS:3025(P-16)1984
5	Total Suspended Solids	8	mg/l	IS:3025 (P-17) 1984
6	Chloride as Cl <sup>-</sup>	20	mg/l	IS:3025 (P-32) 1988
7	Sulphate as SO <sub>4</sub>	36	mg/l	IS:3025 (P-24) 1986
8	Oil & Grease	ND	mg/l	IS:3025 (P-39) 1991 (RA 2003)



  
Managing Director  
Shri Datta Shetkari Sahakari Sakhar  
Karkhana Ltd. Post.-Dattanagar-416 120

Name of sample- Sugar Condensate Outlet

**TEST REPORT**

Report Ref. No. : SEC/W-EH/01-23	End of Analysis : 14 January 2023
Name of Industry/Customer: <b>Shri Datta Shetkari SSK Ltd., Dattanagar.</b>	Report Date : 16 January 2023
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : EH3
Date of Collection / Sampling : 05 January 2023	Nature of Sample: Water
Date of Receipt : 06 January 2023	Sample Collected By: SEC Lab
Date of Analysis: 06 January 2023	Sample Quantity : 1 lit
Name of Sample : <b>Sugar Condensate Outlet</b>	

**TEST REPORT**

Report Ref. No. : SEC/W-EY/02-23	End of Analysis : 20 February 2023
Name of Industry/Customer: <b>Shri Datta Shetkari SSK Ltd., Dattanagar.</b>	Report Date : 21 February 2023
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : EY10
Date of Collection / Sampling : 11 February 2023	Nature of Sample: Water
Date of Receipt : 12 February 2023	Sample Collected By: SEC Lab
Date of Analysis: 12 February 2023	Sample Quantity : 1 lit
Name of Sample : <b>Sugar Condensate Outlet</b>	

Sr. No.	Test Parameter	Jan	Feb	Unit	Test Method
1	pH @ 25 °C	6.91	7.25	-	IS:3025 (P-11) 1983
2	Chemical Oxygen Demand	162	31	mg/l	IS:3025 (P-58) 2006
3	B.O.D. (3 days at 27°C)	51	< 4	mg/l	IS:3025 (P-44) 1993
4	Total Dissolved Solids	98	92	mg/l	IS:3025(P-16)1984
5	Total Suspended Solids	ND	ND	mg/l	IS:3025 (P-17) 1984
6	Chloride as Cl <sup>-</sup>	10	9	mg/l	IS:3025 (P-32) 1988
7	Sulphate as SO <sub>4</sub>	35	22	mg/l	IS:3025 (P-24) 1986
8	Oil & Grease	ND	ND	mg/l	IS:3025 (P-39) 1991 (RA 2003)



  
Managing Director  
Shri Datta Shetkari Sahakari Sakhar  
Karkhana Ltd. Post.-Dattanagar-416 120

Name of Sample: Co-gen ETP Inlet

**TEST REPORT**

Report Ref. No. : SEC/W-EH/01-23	End of Analysis : 14 January 2023
Name of Industry/Customer: <b>Shri Datta Shetakari SSK Ltd., Dattanagar.</b>	Report Date : 16 January 2023
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : EH5
Date of Collection / Sampling : 05 January 2023	Nature of Sample: Water
Date of Receipt : 06 January 2023	Sample Collected By: SEC Lab
Date of Analysis: 06 January 2023	Sample Quantity : 1 lit

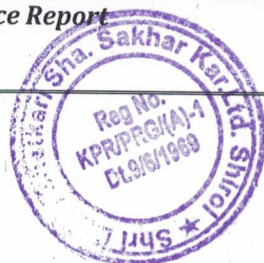
**TEST REPORT**

Report Ref. No. : SEC/W-EY/02-23	End of Analysis : 20 February 2023
Name of Industry/Customer: <b>Shri Datta Shetakari SSK Ltd., Dattanagar.</b>	Report Date : 21 February 2023
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : EY8
Date of Collection / Sampling : 11 February 2023	Nature of Sample: Water
Date of Receipt : 12 February 2023	Sample Collected By: SEC Lab
Date of Analysis: 12 February 2023	Sample Quantity : 1 lit

**TEST REPORT**

Report Ref. No. : SEC/W-FL/03-23	End of Analysis : 16 March 2023
Name of Industry/Customer: <b>Shri Datta Shetakari SSK Ltd., Dattanagar.</b>	Report Date : 18 March 2023
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : FL6
Date of Collection / Sampling : 07 March 2023	Nature of Sample: Water
Date of Receipt : 08 March 2023	Sample Collected By: SEC Lab
Date of Analysis: 08 March 2023	Sample Quantity : 1 lit

Sr. No.	Test Parameter	Jan	Feb	March	Unit	Test Method
1	pH @ 25 °C	7.78	7.16	8.06	-	IS:3025 (P-11) 1983
2	Chemical Oxygen Demand	106	638	597	mg/l	IS:3025 (P-58) 2006
3	B.O.D. (3 days at 27°C)	37	216	205	mg/l	IS:3025 (P-44) 1993
4	Total Dissolved Solids	896	870	892	mg/l	IS:3025(P-16)1984
5	Total Suspended Solids	102	90	96	mg/l	IS:3025 (P-17) 1984
6	Chloride as Cl <sup>-</sup>	214	239	219	mg/l	IS:3025 (P-32) 1988
7	Sulphate as SO <sub>4</sub>	144	128	125	mg/l	IS:3025 (P-24) 1986
8	Oil & Grease	ND	ND	ND	mg/l	IS:3025 (P-39) 1991 (RA 2003)



Name of Sample: Co-gen ETP Outlet

**TEST REPORT**

Report Ref. No. : SEC/W-EH/01-23	End of Analysis : 14 January 2023
Name of Industry/Customer: <b>Shri Datta Shetakari SSK Ltd., Dattanagar.</b>	Report Date : 16 January 2023
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : EH6
Date of Collection / Sampling : 05 January 2023	Nature of Sample: Water
Date of Receipt : 06 January 2023	Sample Collected By: SEC Lab
Date of Analysis: 06 January 2023	Sample Quantity : 1 lit

**TEST REPORT**

Report Ref. No. : SEC/W-EY/02-23	End of Analysis : 20 February 2023
Name of Industry/Customer: <b>Shri Datta Shetakari SSK Ltd., Dattanagar.</b>	Report Date : 21 February 2023
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : EY9
Date of Collection / Sampling : 11 February 2023	Nature of Sample: Water
Date of Receipt : 12 February 2023	Sample Collected By: SEC Lab
Date of Analysis: 12 February 2023	Sample Quantity : 1 lit

**TEST REPORT**

Report Ref. No. : SEC/W-FL/03-23	End of Analysis : 16 March 2023
Name of Industry/Customer: <b>Shri Datta Shetakari SSK Ltd., Dattanagar.</b>	Report Date : 18 March 2023
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : FL7
Date of Collection / Sampling : 07 March 2023	Nature of Sample: Water
Date of Receipt : 08 March 2023	Sample Collected By: SEC Lab
Date of Analysis: 08 March 2023	Sample Quantity : 1 lit

Sr. No.	Test Parameter	Jan	Feb	March	Unit	Test Method
1	pH @ 25 °C	7.95	7.72	8.14	-	IS:3025 (P-11) 1983
2	Chemical Oxygen Demand	88	116	119	mg/l	IS:3025 (P-58) 2006
3	B.O.D. (3 days at 27°C)	23	37	38	mg/l	IS:3025 (P-44) 1993
4	Total Dissolved Solids	714	742	710	mg/l	IS:3025(P-16)1984
5	Total Suspended Solids	58	55	54	mg/l	IS:3025 (P-17) 1984
6	Chloride as Cl <sup>-</sup>	208	191	185	mg/l	IS:3025 (P-32) 1988
7	Sulphate as SO <sub>4</sub>	117	120	97	mg/l	IS:3025 (P-24) 1986
8	Oil & Grease	ND	ND	ND	mg/l	IS:3025 (P-39) 1991 (RA 2003)



  
Managing Director  
Shri Datta Shetkari Sahakari Sakhar  
Karkhana Ltd. Post.-Dattanagar-416 120



**TEST REPORT**

Report Ref. No. : SEC/W-EH/01-23	End of Analysis : 14 January 2023
Name of Industry/Customer: <b>Shri Datta Shetkari SSK Ltd., Dattanagar.</b>	Report Date : 16 January 2023
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : EH7
Date of Collection / Sampling : 05 January 2023	Nature of Sample: Water
Date of Receipt : 06 January 2023	Sample Collected By: SEC Lab
Date of Analysis: 06 January 2023	Sample Quantity : 1 lit
Name of Sample : <b>Co-gen Cooling Tower</b>	

Sr. No.	Test Parameter	Result	Unit	Test Method
1	pH @ 25 °C	8.38	-	IS:3025 (P-11) 1983
2	Chemical Oxygen Demand	86	mg/l	IS:3025 (P-58) 2006
3	B.O.D. (3 days at 27°C)	22	mg/l	IS:3025 (P-44) 1993
4	Total Dissolved Solids	638	mg/l	IS:3025(P-16)1984
5	Total Suspended Solids	40	mg/l	IS:3025 (P-17) 1984
6	Chloride as Cl <sup>-</sup>	147	mg/l	IS:3025 (P-32) 1988
7	Sulphate as SO <sub>4</sub>	103	mg/l	IS:3025 (P-24) 1986
8	Oil & Grease	ND	mg/l	IS:3025 (P-39) 1991 (RA 2003)



**TEST REPORT**

Report Ref. No. : SEC/W-EY/02-23	End of Analysis : 20 February 2023
Name of Industry/Customer: <b>Shri Datta Shetkari SSK Ltd., Dattanagar.</b>	Report Date : 21 February 2023
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : EY13
Date of Collection / Sampling : 11 February 2023	Nature of Sample: Water
Date of Receipt : 12 February 2023	Sample Collected By: SEC Lab
Date of Analysis: 12 February 2023	Sample Quantity : 1 lit
Name of Sample : <b>STP Inlet</b>	

Sr. No.	Test Parameter	Result	Unit	Test Method
1	pH @ 25 °C	7.46	-	IS:3025 (P-11) 1983
2	Chemical Oxygen Demand	819	mg/l	IS:3025 (P-58) 2006
3	B.O.D. (3 days at 27°C)	362	mg/l	IS:3025 (P-44) 1993
4	Total Dissolved Solids	685	mg/l	IS:3025(P-16)1984
5	Total Suspended Solids	128	mg/l	IS:3025 (P-17) 1984
6	Chloride as Cl <sup>-</sup>	150	mg/l	IS:3025 (P-32) 1988
7	Sulphate as SO <sub>4</sub>	98	mg/l	IS:3025 (P-24) 1986
8	Oil & Grease	ND	mg/l	IS:3025 (P-39) 1991 (RA 2003)



**TEST REPORT**

Report Ref. No. : SEC/W-EY/02-23	End of Analysis : 20 February 2023
Name of Industry/Customer: <b>Shri Datta Shetkari SSK Ltd., Dattanagar.</b>	Report Date : 21 February 2023
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : EY11
Date of Collection / Sampling : 11 February 2023	Nature of Sample: Water
Date of Receipt : 12 February 2023	Sample Collected By: SEC Lab
Date of Analysis: 12 February 2023	Sample Quantity : 1 lit
Name of Sample : <b>STP Outlet</b>	

Sr. No.	Test Parameter	Result	Unit	Test Method
1	pH @ 25 °C	6.84	-	IS:3025 (P-11) 1983
2	Chemical Oxygen Demand	78	mg/l	IS:3025 (P-58) 2006
3	B.O.D. (3 days at 27°C)	22	mg/l	IS:3025 (P-44) 1993
4	Total Dissolved Solids	502	mg/l	IS:3025(P-16)1984
5	Total Suspended Solids	58	mg/l	IS:3025 (P-17) 1984
6	Chloride as Cl <sup>-</sup>	115	mg/l	IS:3025 (P-32) 1988
7	Sulphate as SO <sub>4</sub>	105	mg/l	IS:3025 (P-24) 1986
8	Oil & Grease	ND	mg/l	IS:3025 (P-39) 1991 (RA 2003)



Name of sample: Raw Spentwash

**TEST REPORT**

Report Ref. No. : SEC/W-EY/02-23	End of Analysis : 20 February 2023
Name of Industry/Customer: <b>Shri Datta Shetkari SSK Ltd., Dattanagar.</b>	Report Date : 21 February 2023
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : EY1
Date of Collection / Sampling : 11 February 2023	Nature of Sample: Water
Date of Receipt : 12 February 2023	Sample Collected By: SEC Lab
Date of Analysis: 12 February 2023	Sample Quantity : 1 lit

**TEST REPORT**

Report Ref. No. : SEC/W-FL/03-23	End of Analysis : 16 March 2023
Name of Industry/Customer: <b>Shri Datta Shetkari SSK Ltd., Dattanagar.</b>	Report Date : 18 March 2023
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : FL1
Date of Collection / Sampling : 07 March 2023	Nature of Sample: Water
Date of Receipt : 08 March 2023	Sample Collected By: SEC Lab
Date of Analysis: 08 March 2023	Sample Quantity : 1 lit
Name of Sample : <b>Raw Spentwash</b>	

Sr. No.	Test Parameter	Unit	Feb	March	Test Method
1	pH @ 25 °C	-	3.61	3.40	IS:3025 (P-11) 1983
2	Chemical Oxygen Demand	mg/l	2,45,760	2,51,534	IS:3025 (P-58) 2006
3	B.O.D. (3 days at 27°C)	mg/l	1,03,240	1,07,290	IS:3025 (P-44) 1993
4	Total Solids	mg/l	3,90,865	3,13,795	APHA 22 <sup>nd</sup> Edition-2012, 2540 B
5	Total Volatile Solids	mg/l	2,18,159	1,94,211	APHA 22 <sup>nd</sup> Edition-2012, 2540-E,G
6	Total Inorganic Solids	mg/l	1,72,706	1,19,584	APHA 22 <sup>nd</sup> Edition-2012, 2540 C
7	Chlorides	mg/l	13,251	12,480	IS:3025 (P-32) 1988
8	Sulphates	mg/l	8069	7615	IS:3025 (P-24) 1986
9	Potassium	mg/l	24,700	25,100	IS:3025 (P-45) 1993



*(Handwritten Signature)*

**Managing Director**  
Shri Datta Shetkari Sahakari Sakhar  
Karkhana Ltd. Post.-Dattanagar-416 120

Shri Datta Shetkari Sahakari Sakhar Karkhana Ltd.

Name of sample: Spentlees Plant No. 1 (Old)

**TEST REPORT**

Report Ref. No. : SEC/W-EY/02-23	End of Analysis : 20 February 2023
Name of Industry/Customer: <b>Shri Datta Shetkari SSK Ltd., Dattanagar.</b>	Report Date : 21 February 2023
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : EY2
Date of Collection / Sampling : 11 February 2023	Nature of Sample: Water
Date of Receipt : 12 February 2023	Sample Collected By: SEC Lab
Date of Analysis: 12 February 2023	Sample Quantity : 1 lit

**TEST REPORT**

Report Ref. No. : SEC/W-FL/03-23	End of Analysis : 16 March 2023
Name of Industry/Customer: <b>Shri Datta Shetkari SSK Ltd., Dattanagar.</b>	Report Date : 18 March 2023
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : FL2
Date of Collection / Sampling : 07 March 2023	Nature of Sample: Water
Date of Receipt : 08 March 2023	Sample Collected By: SEC Lab
Date of Analysis: 08 March 2023	Sample Quantity : 1 lit

Sr. No.	Test Parameter	Feb	March	Unit	Test Method
1	pH @ 25 °C	3.26	2.91	-	IS:3025 (P-11) 1983
2	Chemical Oxygen Demand	2517	1091	mg/l	IS:3025 (P-58) 2006
3	B.O.D. (3 days at 27°C)	1095	379	mg/l	IS:3025 (P-44) 1993
4	Total Dissolved Solids	370	260	mg/l	IS:3025(P-16)1984
5	Total Suspended Solids	10	10	mg/l	IS:3025 (P-17) 1984
6	Chloride as Cl <sup>-</sup>	129	108	mg/l	IS:3025 (P-32) 1988
7	Sulphate as SO <sub>4</sub>	24	21	mg/l	IS:3025 (P-24) 1986
8	Oil & Grease	ND	ND	mg/l	IS:3025 (P-39) 1991 (RA 2003)



  
Managing Director  
Shri Datta Shetkari Sahakari Sakhar  
Karkhana Ltd. Post.-Dattanagar-416 120

Name of sample: Spentlees Plant No. 2 (New)

**TEST REPORT**

Report Ref. No. : SEC/W-EY/02-23	End of Analysis : 20 February 2023
Name of Industry/Customer: <b>Shri Datta Shetkari SSK Ltd., Dattanagar.</b>	Report Date : 21 February 2023
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : EY3
Date of Collection / Sampling : 11 February 2023	Nature of Sample: Water
Date of Receipt : 12 February 2023	Sample Collected By: SEC Lab
Date of Analysis: 12 February 2023	Sample Quantity : 1 lit

**TEST REPORT**

Report Ref. No. : SEC/W-FL/03-23	End of Analysis : 16 March 2023
Name of Industry/Customer: <b>Shri Datta Shetkari SSK Ltd., Dattanagar.</b>	Report Date : 18 March 2023
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : FL3
Date of Collection / Sampling : 07 March 2023	Nature of Sample: Water
Date of Receipt : 08 March 2023	Sample Collected By: SEC Lab
Date of Analysis: 08 March 2023	Sample Quantity : 1 lit

Sr. No.	Test Parameter	Feb	March	Unit	Test Method
1	pH @ 25 °C	3.82	3.69	-	IS:3025 (P-11) 1983
2	Chemical Oxygen Demand	2345	1667	mg/l	IS:3025 (P-58) 2006
3	B.O.D. (3 days at 27°C)	980	630	mg/l	IS:3025 (P-44) 1993
4	Total Dissolved Solids	354	335	mg/l	IS:3025(P-16)1984
5	Total Suspended Solids	15	10	mg/l	IS:3025 (P-17) 1984
6	Chloride as Cl <sup>-</sup>	118	115	mg/l	IS:3025 (P-32) 1988
7	Sulphate as SO <sub>4</sub>	31	57	mg/l	IS:3025 (P-24) 1986
8	Oil & Grease	ND	ND	mg/l	IS:3025 (P-39) 1991 (RA 2003)



  
**Managing Director**  
Shri Datta Shetkari Sahakari Sakhar  
Karkhana Ltd. Post.-Dattanagar-416 120

**TEST REPORT**

Report Ref. No. : SEC/C-EH/01-23	End of Analysis : 14 January 2023
Name of Industry/Customer: <b>Shri Datta Shetkari SSK Ltd., Dattanagar.</b>	Report Date : 16 January 2023
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : EH8
Date of Collection / Sampling : 05 January 2023	Nature of Sample: Compost
Date of Receipt : 06 January 2023	Sample Collected By: SEC Lab
Date of Analysis: 06 January 2023	Sample Quantity : 1 kg
Name of Sample : <b>Ready Compost</b>	

Sr. No.	Test Parameter	Result	Unit	Standards
1	Moisture	32.28	%	< 35
2	pH (Saturated) @ 25 °C	6.43	--	6.5 – 8.5
3	Total Volatile Solids	57.41	%	60 – 65
4	Residual Ash	42.59	%	40 – 45
5	Nitrogen as N	1.57	%	1.5 – 2.0
6	Phosphorus as P2O5	1.82	%	1.5 – 2.0
7	Potassium as K2O	2.85	%	2.0 – 3.5
8	Organic Carbon	23.5	%	20 – 25
9	C/N	14.96	--	< 17
<b>Leachate Water (Filtrate)</b>				
10	pH @ 25 °C	7.51	--	6.5 – 8.5
11	C.O.D.	183	mg/l	< 250
12	B.O.D.	22	mg/l	< 30
13	Chlorides	215	mg/l	< 600
14	E. Conductivity	1370	μmhos/cm	< 2100



**Monitoring the Implementation of Environmental Safeguards**  
**Ministry of Environment, Forest & Climate Change**  
**Regional Office (West Central Zone), Nagpur**

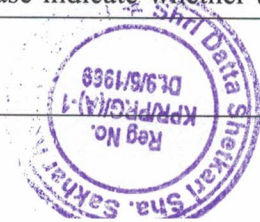
**Monitoring Report**  
**Part – I**  
**DATA SHEET**

1.	Project Type: River-valley / Mining / Industry / Thermal / Nuclear / Other (Specify)	Industry
2.	Name of the Project	The industry received Environment Clearance for Proposed Expansion of Sugarcane crushing capacity from 9000 TCD to 15000 TCD, Distillery capacity from 60 KLPD to 90 KLPD (Rectified Spirit/ENA/Ethanol) and establishment of 21 + 5 MW Co-generation Power Plant at Dattanagar, Tal. Shirol, Dist. Kolhapur, Maharashtra by Shree Datta Shetkari Sahakari Sakhar Karkhana Limited Environment Clearance is awarded-SEIAA-EC-0000002257 dated 1st June 2020. The industry expanded the sugarcane crushing capacity from 9500 TCD to 12000 TCD only, distillery capacity remains same as 60 KLPD even though the expansion up to 90 KLPD is already completed but the production is yet to start and co-generation power plant is yet to be established.
3.	Clearance Letter (s) / OM No. and date	SEIAA-EC-0000002257 Dated- 1 <sup>st</sup> June 2020
4.	Location	At Dattanagar, Tal. Shirol, Dist. Kolhapur, Maharashtra by Shree Datta Shetkari Sahakari Sakhar Karkhana Limited
	a. District (s)	a. Kolhapur
	b. State (s)	b. Maharashtra
	c. Latitude	c. 16 45'N
	d. Longitude	d. 74 36'E
5.	Address for correspondence	Managing Director:-
	a. Address of concerned Project Chief Engineer (with Pin Code & Telephone/ Telex/ Fax Numbers)	Shree Datta Shetkari Sahakari Sakhar Karkhana Ltd., Shirol, Post-Dattanagar, 416120 Tal-Shirol, Dist-Kolhapur Tel No.: (02322) 236551 (6 lines) Fax. No.- (02322) 236600
	& Address of Executive Project Engineer / Manager (with pin code/fax numbers)	
6.	Salient features	
	a. Of the Project	The factory expanded sugar factory

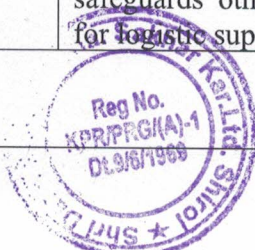




		capacity 9500 TCD to 12000 TCD only for which the Consent to operate is received vide MPCB-CONSENT-0000150628/CO/2212000050 dated 01/12/2022. The industry has fully executed expansion of distillery capacity from 60 KLPD to 90 KLPD, but the production is yet to start.
b.	Of the Environmental Management Plan	1. The industry has its own land of 854600 Sq. m. out of which 293916.82 sq.m. of land is utilized for Green belt development. 2. Rainwater harvesting is already implemented & collected in a pond & used for green belt development/ process after treatment. 3. The industry has undertaken a number of social and cultural activities to the nearby local population and proposes to reserve 1.0 % of the capital cost of the project as CSR activities. 4. The industry has provided online monitoring system and connected to CPCB/MPCB servers. 5. The raw spentwash generated is treated based on concentration in MEE followed by composting for 30 KLPD distillery and for 60 KLPD distillery MEE followed by incineration in order to achieve the Zero Liquid Discharge.
7.	Breakup of the Project area	Not Applicable.
a.	Submergence Area: Forest & Non Forest	
b.	Others	
a.	Total Plot Area	85.46 Ha (Out of which the industry has sold 0.60 Ha of land to Datta Bhandar, 7.57 Ha of land to Educational trust & 15.25 Ha land is given on lease to Urjankur Shree Datta power ltd. The maintenance of the area & green belt development is carried out by Shree Datta SSSK Ltd. Thus the total area available with Datta SSSK ltd is only 62,04hectares.
b.	Built - Up Area (Including Road)	22.11 Ha
c.	Open Space available	0.48 Ha
d.	Green belt area	29.64 ha
8.	Breakup of the Project affected population with enumeration of those losing houses/dwelling units only, agricultural land only, both dwelling units & both dwelling units & agricultural land & landless laborers/artisan	Not Applicable.
a.	SC, ST/Adivasis	
b.	Others	
	(Please indicate whether these figures are	



	based on any scientific and systematic survey carried out or only provisional figures, if a survey carried out gives details and years of survey.)	
9.	Financial Details	
a.	Project costs as originally planned & subsequent revised estimates and the year of price reference.	Sugar - 151.16 Crores & Distillery – 26.3022 Crores.
b.	Allocations made for Environmental Management Plan with item wise & year wise breakup.	The budget allocation for EMP is 35.5 Crores.
c.	Benefit Cost Ratio / Internal rate of Return and the year of assessment	Not Applicable
d.	Whether (c) includes the cost of Environmental Management as shown in the above.	No
e.	Actual expenditure incurred on the Project so far	Expansion of Sugar unit: 119.31 Cr Expansion of distillery unit: 119.72Cr
f.	Actual expenditure incurred on the Environmental Management Plan so far	Expansion of Sugar unit: 9.28 Cr (For up gradation of ETP- 4.58 Cr, installation of CPU-4.29 Cr and installation of STP- 41 Lakhs)
10.	Forest land requirement	Nil
a.	The status of approval for diversion of Forestland for non-forestry use	
b.	The Status of clearing felling	
c.	The status of compensatory Afforestation programme in the light of actual field experience	
11.	The status of clear felling in non-forest areas (such as submergence area of reservoir, Approach roads), if any with quantitative information	Not Applicable.
12.	Status of construction	For 9500 TCD to 12000 TCD Sugar unit Commencement date: 15/07/2022 Completion date: 06/10/2022
a.	Date of commencement (Actual and/or Planned)	
b.	Date of completion (Actual and/or Planned)	For 60 KLPD to 90 KLPD distillery Unit: Commencement date: 26/06/2022
13.	Reasons for the delay if the project is yet to start	NA
14.	Dates of site visits	26/05/2023
a.	The dates on which the Project was monitored by Regional Office on previous occasions, if any	
b.	Date of site visit for this monitoring Report	
15.	Details of correspondence with project authorities for obtaining action plan / information on status of compliance to safeguards other than the routine letters for logistic support for site visit.	Enclosed.



(The monitoring report may obtain the details of all the letters issued so far but the later reports may cover only the letters issued subsequently)



A handwritten signature in blue ink, consisting of a large loop followed by a horizontal stroke and a small flourish.

**Managing Director**  
Shri Datta Shetkari Sahakari Sakhar  
Karkhana Ltd. Post.-Dattanagar-416 120