



**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: 798 /Env/MoeF/2024-25

Date - 23/05/2024

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 reporting period of 1<sup>st</sup> June 2024 (1<sup>st</sup> Oct 2023 to 31<sup>st</sup> March 2024)

**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.

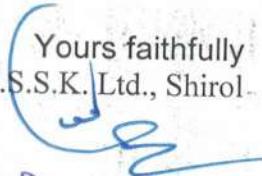
Dear Sir,

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 9000 TCD to 12000 TCD only and distillery unit from 90 KLPD to 135 KLPD under change in product mix (No Increase in Pollution load). The establishment of Co-generation unit is yet to start.

Thanking you,

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

  
(M.V. Patil)  
Managing Director

CC: To

• The Regional Office  
Maharashtra Pollution Control Board  
Udyog Bhavan Building, Near Collectarate Office, Kolhapur - 416 002

• The Sub- Regional Office  
Maharashtra Pollution Control Board  
Udyog Bhavan Building, Near Collectarate Office, Kolhapur - 416 002

**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	<p>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.</p> <p>The industry expanded the sugarcane crushing capacity from 9500 TCD to 12000 TCD and distillery capacity from 60 KLPD to 90 KLPD and co-generation power plant is yet to be established.</p>
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)	Kolhapur
b.	State (s)	Maharashtra
c.	Latitude	16 45'N
d.	Longitude	74 36'E
5.	Address for correspondence a. Address of concerned Project Chief Engineer (with Pin Code & Telephone/ Telex/ Fax Numbers)  & Address of Executive Project Engineer / Manager (with pin code/fax numbers)	<p>Managing Director:- 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</p>
6.	Salient features	
a.	Of the Project	The factory expanded sugar factory capacity 9500 TCD to 12000 TCD only and distillery capacity from 60 KLPD to 90



		KLPD.
b.	Of the Environmental Management Plan	<p>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.</p> <p>2. Rainwater harvesting is already implemented &amp; collected in a pond &amp; used for green belt development/ process after treatment.</p> <p>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.</p> <p>4. The industry has provided online monitoring system and connected to CPCB/MPCB servers.</p> <p>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.</p>
7.	a. Breakup of the Project area Submergence Area: Forest & Non Forest b. Others	Not Applicable.
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.	a. 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 b. SC, ST/Adivasis 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.)	Not Applicable.
9.	Financial Details	
a.	Project costs as originally planned & subsequent revised estimates and the year	Sugar - 151.16 Crores & Distillery - 26.3022 Crores.



	of price reference.	
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 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	Nil
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 a. Date of commencement (Actual and/or Planned) b. Date of completion (Actual and/or Planned)	For 9500 TCD to 12000 TCD Sugar unit Commencement date: 15/07/2022 Completion date: 06/10/2022  For 60 KLPD to 90 KLPD distillery Unit: Commencement date: 26/06/2022 Completion Date: 05/09/2023
13.	Reasons for the delay if the project is yet to start	NA
14.	Dates of site visits 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	26/05/2023
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. (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)	Enclosed.



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Managing Director

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

## 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.	<p>Noted. Being prepared &amp; implemented. The industry is already implemented the drip irrigation programme on 4909 Acres of land since 2010.</p> <p>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.</p> <p>The action plan for drip irrigation and status of implementation is enclosed as <b>Annexure-I</b></p>
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.	<p>Risk analysis was carried out and implemented.</p> <p>Personnel protection equipment's are provided to workers.</p> <p>Health records of the employees are maintained as per Occupational Health Studies and enclosed as <b>Annexure-III</b></p>
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.	Sugar unit was not in operation during April to Sept. 2023. Monitoring results for distillery unit 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. Monitoring results for distillery unit are enclosed as <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.
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

		brigade 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 be 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 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.	Submitted regularly.



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.



Annexure I: Drip Irrigation Plan



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

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

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

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

kip.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, Netafilm 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 Hectar 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

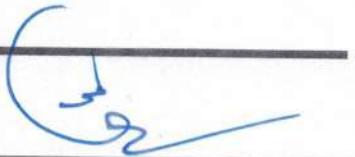
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Shree Datta Shetkari Sahakari Sakhar Karkhana Ltd.

Six Monthly Compliance Report Page 6



  
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	33,17,205.00	Implemented
6	68	2015-16-2017-18	78	144	68,24,246.00	20,96,997.00	Implemented
7	69	2015-16-2017-18	210	295	1,41,65,952.00	18,85,571.00	Implemented
8	72	2016-2017-2018	249	369	1,87,61,276.00	14,63,146.00	Implemented
9	76	2017-2018-2019	195	235	1,18,90,992.00	14,46,981.00	Implemented
10	79	2018-2019-2020	189	274	1,38,74,559.00	13,56,091.00	Implemented
11	82	2019-2020-2021	196	270	1,35,42,242.00	1,18,658.00	Implemented
12	86	2020-2021-2022	173	238	1,21,46,069.00	7,91,658.00	Implemented
13	89	2021-2022-2023	189	274	1,38,74,559.00	00.00	Yet to start
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**  
**a Ltd. Post.-Dattanagar-416 120**

Annexure II: Approved CER Plan from District Collector

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

प्रति,

✓ कार्यकारी संचालक,  
मे. दत्त शेतकारी 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 Sahakari Sakhar Karkhana Ltd. Dattanagar, Shirol.

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

उपरोक्त विषयास अनुसरुन संदर्भ क्र. १ अन्वये श्री. दत्त शेतकारी सहकारी साखर लि. शिरोळ यांचे नियोजित विस्तारीकरण करिता पर्यावरण विषयक अनुभूतीसाठी रितसर अर्ज पर्यावरण विभागास सादर करण्यात आलेला आहे. सदर अर्जाच्या निपटन्यासाठी कारखान्याकडून कापरोट एन्हायरमेंट रिस्पॉन्सीबीलटी अंतर्गत विविध सामाजिक व पर्यावरणासाठी करणेत योगान्या खर्चास परवानगी मारणी केलेली आहे.

याबाबत इकडील दिनांक ०३/१२/२०१९ रोजी उप प्रादेशिक अधिकारी, महाराष्ट्र प्रदूषण नियंत्रण महामंडळ, कोल्हापूर यांना कळविणेत आलेले होते. त्यास अनुसरुन संदर्भ क्र. २ अन्वये पर्यावरण विभाग नवी दिल्ली यांच्या दि. ०१/०५/२०१८ रोजीच्या ऑफिस मेमोरंडम मध्ये नमुद केलेल्या मार्गदर्शनानुसार शैक्षणिक, आरोग्य, पिण्याचे पाणी व स्वच्छता यासाठी खर्च करणे अपेक्षित आहे. (ऑफिस मेमोरंडम 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 मेमोरंडम मध्ये नमुद केलेल्या मार्गदर्शक सुचनांचे उल्लंघन होणार नाही याची दक्षता घ्यावी. सदर मार्गदर्शक सुचनांचे उल्लंघन झालेस सदरचे पत्र रद्द समजेत 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 मेमोरंडम मध्ये नमुद केलेल्या मुद्दा क्र. ६ (VI) नुसार सादर करावा.

  
(दोलत दसाई)  
जिल्हांदाधिकारी 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

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

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

klp.dattsssk@gmail.com

Ref. No. १७२७/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	
02	Educational Purpose (Year-2021-22)	43,000.00	Donate for schools
03	Educational Purpose (Year-2022-23)	8,05,835.00	
04	Social activities (Year-2020-21)	22,38,259.00	Donate for different type of societies and CSR fund for construction of New ITI Building
05	Social activities (Year-2021-22)	8,39,768.00	
06	Social activities (Year-2021-22)	1,41,83,749.00	
07	Water supply (Year-2020-21)	29,41,051.00	Drinking water supply to nearby factory area
08	Water supply (Year-2021-22)	36,75,246.00	
09	Water supply (Year-2021-22)	20,37,616.00	
10	Environment Expenditure -2020-21	15,17,657.00	All maintain ace
11	Environment Expenditure -2021-22	25,53,735.00	Environment expenditure on factory
12	Environment Expenditure -2022-23	72,82,892.00	
13	Health & Sanitation (Year-2020-21)	18,57,698.00	All Health &
14	Health & Sanitation (Year-2021-22)	29,11,632.00	Sanitation expenditure in factory premises
15	Health & Sanitation (Year-2022-23)	45,73,292.00	
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  
 D:\CVL2K14\Big Iter 14.doc



Annexure III: Sample Health Report of Workers

**Mane Care  
Diagnostics Center**  
Pathology Laboratory



**HEALTH REGISTER**

NAME OF COMPANY :- SHREE DATTA SHETKARI SAHAKARI SAKHAR KARKHANA LTD.  
SHIROL.

ADDRESS :- Post. Dattanagar 416 120, Taluka Shirol, Dist. Kolhapur. (Ms) India.

CONTACT NUMBER:- /

VALID FROM :- 27/02/2024 TO 26/02/2025

A handwritten signature in black ink, appearing to read 'Dr. Arvind Mane'.

DR.ARVIND MANE  
MBBS DPH AFIH.(Mumbai)

GOVT. OF INDIA-DGFASLI REGD. NO.-0238E  
Consultant Industrial Health Physician.

Kagal : Opp. Unichem Laboratories, Five Star MIDC, Kagal-Hatkalangle, Kolhapur - 416 236 Ph. 9260171111  
Jaysingpur : 10th lane, Behind ST satnd Jaysingpur, Tal - Shirol, Dist. Kolhapur. 416 101. Ph. 9623711777  
Kharghar : Monarch Luxuria Shop. No. 14, Plot No. 6, Sector 18, Navi Mumbai, 410 210. Ph. 8356044916  
Karad : Shop No - 323, Gc 22 Police Patil, Saraswati Nivas, Main Road, Malkapur 415 539. Ph. 9364111777



A handwritten signature in blue ink, appearing to read 'Managing Director'.  
Shree Datta Shetkari Sahakari Sakhar Karkhana Ltd., Shirol, Post. Dattanagar

Tal. Shirol, Dist. Kolhapur.

# Mane Care

## Diagnostics Center

### Pathology Laboratory



Employee Name : MR. DIPAK S KAMBLE

Age / Sex : 45 Yrs. / M

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

CheckUp Date : 29/02/2024

Department : -

Weight (Kg) : 95

Employee No : 2895

Height (Cms) : 170

Sr. No. : 301

BMI : 32.87

#### PERIODIC MEDICAL EXAMINATION REPORT

##### Summary Report

FIT FOR JOB AT PRESENT EXAMINATION

##### Conclusion / Remark

THE EMPLOYEE IS NOT SUFFERING FROM ANY CONTAGIOUS, COMMUNICABLE, INFECTIOUS, OBNOXIOUS DISEASES.

##### Personal History

Allergic to : NAD

Diet : MIX

Present Complaints: NORMAL

Past History : NAD

Family History : NAD

Personal Habits : NAD

##### General Examination

Pulse (/min) : 82

BP( mmHg ) : 130 / 80

Skin : NORMAL

Appearance : GOOD

Built : AVERAGE

Deformities : NAD

##### Systemic Examination

ENT : NORMAL

RS : NAD

CVS : NAD

CNS : NAD

GUS : NAD

GIT : NAD

##### Vision

##### Without Glass

##### With Glass

Near

RE/12 LE/12

RE/12 LE/12

Distant

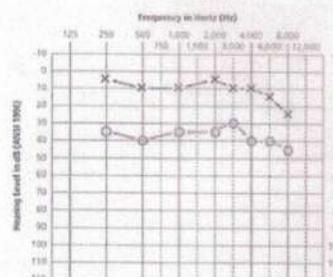
6/6 6/6

6/6 6/6

Color Vision : NORMAL

Refractory Error : ABSENT

##### AUDIOMETRY



##### Test Frequency

1) Air Condition Threshold : Left : NORMAL Right : NORMAL

2) Bone Condition Threshold : Left : NORMAL Right : NORMAL

Audiogram Reports Right Ear : NORMAL Left Ear : NORMAL

##### Spirometry

Measured Peak Flow : 450 L/Min

Predicted Peak Flow : 460

% of Predicted Peak Flow : 98

Remark : NORMAL

ECG : NA

X-Ray : NA

Vaccination : NA

Pathology Lab Investigation Results :

ALL REPORTS ARE ATTACHED WITHIN NORMAL LIMITS.



DR.ARVIND MANE

MBBS DPH AFH (Mumbai)

Kagal : Opp. Unichem Laboratories, Five Star MIDC, Kagal-Hatkalangle, Kolhapur - 416 236 Ph. 9260171111  
 Jaysingpur : 10th lane, Behind ST satnd Jaysingpur, Tal - Shirol, Dist. Kolhapur. 416 101. Ph. 9623711777  
 Kharghar : Monarch Luxuria Shop. No. 14, Plot No. 6, Sector 18, Navi Mumbai, 410 210. Ph. 8356044916  
 Karad : Shop No - 323, Gc 22 Police Patil, Saraswati Nivas, Main Road, Malkapur 415 539. Ph. 9364111777



Managing Director

Shree Datta Shetkari Sahakari Sakhar  
Karkhana Ltd., Shirol, Post.Dattanagar  
Tal. Shirol, Dist. Kolhapur.

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

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

From: 27/02/2024 To 26/02/2025

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

Sr. No.	Emp. No.	Name	Age	Sex	Dept. of present work	Dept. of employment of present work	Date of leaving or transfer to other w/o	Reason for leaving or transfer of discharge	Nature of job or occupation	Raw material or bye product handled	Exam. Date	Result of Medical Examination	Resume duty on withdrawal of suspension with detailed reasons	Certified fit to resume duty on withdrawal of suspension with detailed reasons	Certifying Surgeon	Signature with date of suspension issued to worker	Certifying Surgeon	Signature with date of suspension issued to worker
1	2026	MR. SANJAY K KADAM	54	M	-	-	NA	NA	NA	NA	27/02/2024	Fit	NA	NA	NA	NA	NA	NA
2	2955	MR. PRADIP V MAGDUM	46	M	-	-	NA	NA	NA	NA	27/02/2024	Fit	NA	Fit	NA	NA	NA	NA
3	2499	MR. BALASO D SAWANT	51	M	-	-	NA	NA	NA	NA	27/02/2024	Fit	NA	Fit	NA	NA	NA	NA
4	6130	MR. AANNASO J PATIL	54	M	-	-	NA	NA	NA	NA	27/02/2024	Fit	NA	Fit	NA	NA	NA	NA
5	6168	MR. SAMPAT D PATIL	57	M	-	-	NA	NA	NA	NA	27/02/2024	Fit	NA	Fit	NA	NA	NA	NA
6	2113	MR. SHIVAJI V HALVAI	58	M	-	-	NA	NA	NA	NA	27/02/2024	Fit	NA	Fit	NA	NA	NA	NA
7	864	MR. PIRGONDA J PATIL	58	M	-	-	NA	NA	NA	NA	27/02/2024	Fit	NA	Fit	NA	NA	NA	NA
8	2456	MR. ASLAM R BHUSARI	52	M	-	-	NA	NA	NA	NA	27/02/2024	Fit	NA	Fit	NA	NA	NA	NA
9	2829	MR. DIGAMBAR B KAMBLE	50	M	-	-	NA	NA	NA	NA	27/02/2024	Fit	NA	Fit	NA	NA	NA	NA
10	3182	MR. DEEPAK B GASTE	32	M	-	-	NA	NA	NA	NA	27/02/2024	Fit	NA	Fit	NA	NA	NA	NA
11	2832	MR. YUNUS I PATHAN	45	M	-	-	NA	NA	NA	NA	27/02/2024	Fit	NA	Fit	NA	NA	NA	NA
12	6182	MR. AAYUKHAN S MUJAWAR	58	M	-	-	NA	NA	NA	NA	27/02/2024	Fit	NA	Fit	NA	NA	NA	NA
13	2461	MR. BHIKAN N TAHASILDAR	50	M	-	-	NA	NA	NA	NA	27/02/2024	Fit	NA	Fit	NA	NA	NA	NA
14	6152	MR. ILAI H LATIF	57	M	-	-	NA	NA	NA	NA	27/02/2024	Fit	NA	Fit	NA	NA	NA	NA
15	2141	MR. SUDARSHAN J KARVE	57	M	-	-	NA	NA	NA	NA	27/02/2024	Fit	NA	Fit	NA	NA	NA	NA
16	2610	MR. SUNIL T PATIL	51	M	-	-	NA	NA	NA	NA	27/02/2024	Fit	NA	Fit	NA	NA	NA	NA
17	3278	MR. LAXMAN G PATIL	55	M	-	-	NA	NA	NA	NA	27/02/2024	Fit	NA	Fit	NA	NA	NA	NA
18	3225	MR. PRADIP B KOLI	33	M	-	-	NA	NA	NA	NA	27/02/2024	Fit	NA	Fit	NA	NA	NA	NA
19	3273	MR. KRUSHNAT S PATIL	27	M	-	-	NA	NA	NA	NA	27/02/2024	Fit	NA	Fit	NA	NA	NA	NA



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

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

HEALTH REGISTER

From: 27/02/2024 To: 26/02/2025

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

Sl. No.	Emp. No.	Name	Age	Sex	Dept. of present work	Dept. of employment of present work	Date of leaving or transfer to other w/o	Reason for leaving or transfer	Nature of job or occupation	Raw material or by-product handled	Examination	Result of Medical	Certifying Surgeon	Suspension with reasons detailed in to resume duty on will	Suspension with detailed reasons	Certified fit to resume duty on will	Certifying Surgeon	Suspension or unfitness of worker	Signature with date	Certifying Surgeon	
20	2942	MR. BASHIR A PENDHARI	47	M	-	-	NA	NA	NA	NA	NA	NA	Fit	NA	NA	NA	NA	NA	NA	NA	NA
21	2942	MR. BABAJAN M PATEL	48	M	-	-	NA	NA	NA	NA	NA	NA	Fit	NA	NA	NA	NA	NA	NA	NA	NA
22	6037	MR. RAJUKUMAR A KAMBLE	54	M	-	-	NA	NA	NA	NA	NA	NA	Fit	NA	NA	NA	NA	NA	NA	NA	NA
23	1363	MR. MOHAN B PATIL	57	M	-	-	NA	NA	NA	NA	NA	NA	Fit	NA	NA	NA	NA	NA	NA	NA	NA
24	2464	MR. SASHIKANT K KAMBLE	58	M	-	-	NA	NA	NA	NA	NA	NA	Fit	NA	NA	NA	NA	NA	NA	NA	NA
25	2444	MR. DHNYKUMAR DEV MORE	48	M	-	-	NA	NA	NA	NA	NA	NA	Fit	NA	NA	NA	NA	NA	NA	NA	NA
26	2779	MR. DHANAJI B MANE	50	M	-	-	NA	NA	NA	NA	NA	NA	Fit	NA	NA	NA	NA	NA	NA	NA	NA
27	3158	MR. RAVINDRA J MORE	38	M	-	-	NA	NA	NA	NA	NA	NA	Fit	NA	NA	NA	NA	NA	NA	NA	NA
28	6277	MR. SUNIL J SUTAR	50	M	-	-	NA	NA	NA	NA	NA	NA	Fit	NA	NA	NA	NA	NA	NA	NA	NA
29	2104	MR. SANJAY V CHAVAN	58	M	-	-	NA	NA	NA	NA	NA	NA	Fit	NA	NA	NA	NA	NA	NA	NA	NA
30	639	MR. RAJARAM B MORE	59	M	-	-	NA	NA	NA	NA	NA	NA	Fit	NA	NA	NA	NA	NA	NA	NA	NA
31	2085	MR. RAJARAM B DHVALE	59	M	-	-	NA	NA	NA	NA	NA	NA	Fit	NA	NA	NA	NA	NA	NA	NA	NA
32	208	MR. KIRAN S KOLHAPURE	58	M	-	-	NA	NA	NA	NA	NA	NA	Fit	NA	NA	NA	NA	NA	NA	NA	NA
33	2168	MR. ANNASO B SHIRDHONE	53	M	-	-	NA	NA	NA	NA	NA	NA	Fit	NA	NA	NA	NA	NA	NA	NA	NA
34	6040	MR. SADASHI B KHOT	54	M	-	-	NA	NA	NA	NA	NA	NA	Fit	NA	NA	NA	NA	NA	NA	NA	NA
35	3202	MR. SACHIN D KOLI	32	M	-	-	NA	NA	NA	NA	NA	NA	Fit	NA	NA	NA	NA	NA	NA	NA	NA
36	6312	MR. RAJENDRA A SAHAPURE	51	M	-	-	NA	NA	NA	NA	NA	NA	Fit	NA	NA	NA	NA	NA	NA	NA	NA
37	3282	MR. PANDURANG S KHOT	36	M	-	-	NA	NA	NA	NA	NA	NA	Fit	NA	NA	NA	NA	NA	NA	NA	NA
38	1852	MR. KUMAR S CHOURGULE	57	M	-	-	NA	NA	NA	NA	NA	NA	Fit	NA	NA	NA	NA	NA	NA	NA	NA



Managing Director  
Shree Datta Shetkari Sahakari Sakhar  
Karkhana Ltd. Shiroli Dist. Kolhapur

Tal. Shirol, Dist. Kolhapur

कारखाने की ओर से द्वारा दिलाया गया अकालीन प्रमाण  
कालांतरकारिता

Annexure IV: Photographs of Greenbelt



A handwritten signature in blue ink, appearing to read "Datta".

Managing Director  
Shree Datta Shetkari Sahakari Sakhar  
Karkhana Ltd., Shiroli, Post.Dattanagar,  
Tal.Shiroli, Dist.Kolhapur.



Managing Director  
Shree Datta Shetkari Sahakari Sakhar  
Karkhana Ltd., Shirol, Post. Dattanagar  
Tal. Shirol, Dist. Kolhapur.



Annexure V: Photographs of Fire Fighting Equipments



Managing Director  
Shree Datta Shetkari Sahakari Sakhar  
Karkhana Ltd., Shirol, Post. Dattanagar  
Tal. Shirol, Dist. Kolhapur.

## 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  
गाळ्य धमतेचे विस्तारीकरण तसेच आसवनी  
उत्पादन क्षमता ६० केंएलडी ते ९० केंएलडी व  
२१ + ५ मे. वॅट विज निर्भितीसाठी पर्यावरणीय  
मंजूरी मिळालेली आहे. सदर पर्यावरण मंजूरी महाराष्ट्र  
प्रदुषण नियंत्रण मंडळ यांचे कडे तसेच  
<http://ec.maharashtra.gov.in> या  
वेबसाईटवर उपलब्ध आहे.

एम. बही, पाटील  
कार्यकारी संचालक

दत्तनगर - ४१६ १२०  
दिनांक - ०६/०६/२०२०

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

## Managing Director

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

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 : 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 : 21/07/2023 Time: 02.14 PM

Area : Distillery Section

Communication : Factory Manager, Distillery Manager, Safety officer

Scenario : Electrocution to Worker

**Sequence of events:-**

1. During welding work being carried out at Distillery Section, suddenly welder Mr. Pawar was electrocuted at 2:14 pm.
2. Mr. Magdum Peer Group Member spotted that Mr.Pawar get electrocuted. He inform the incident to shift chemist Mr.Bhiungade. Mr.Bhiungade inform incident to Distillery Manager & site Controller.
3. Electrician Mr. Ingale immediately disconnected Power supply to welding Machine at 2:15 pm. Distillery Manager along with Mr. Sanjjoy Sankpal (site controller) reached the incident Place. Mr. Sankpal raises Emergency & activate Emergency Response team.
4. Superficial burns due to flash Injury are found on victims body. first Aid team attended first Aid to victim at 2.18 pm.
5. Security officer and safety officer reached the Emergency site with Ambulance at 2:20pm.
6. The victim immediately shifted to Shree Datta Arogya kendra by Ambulance where he was attended by medical team and they declare he is in normal condition at 2:23 pm.
7. Site controller and senior officials discuss the issues with team members about area of improvements and importance of Mock Drill at 2.25 pm

**Positive findings -**

1. Response time of electrician was excellent to disconnect the Power supply.
2. Security Person available at site controls the vehicle movement.
3. First Aid team immediately attended victim and gave first Aid until arrival of ambulance.

Page 2 of 5



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



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.dattsssk@gmail.com



Short Comings: -

1. Belt of stretcher was not tightened during shifting of victim to Ambulance.
2. Shoes and Helmet of victim has not been removed during Shifting to Ambulance .

Details of Mock Drill:-

Date of Mock drill : 21/07/2023

Time : 2.14 PM

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

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

Responses: -

Mock Drill Started : 2.14 PM.

Mock Drill Completed : 2.25 PM

Total time for Mock Drill Completion: 11 Min.

Response of various Teams : 3 Min.



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



**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

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**PHOTOS-**

Welder Electrocuted during welding work	Electrician Disconnected Power Supply
First Aid to Victim	Ambulance Arrival

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Managing Director  
Shree Datta Shetkari Sahakari Sakhar  
Karkhana Ltd., Shirol, Post. Dattanagar  
Tel. Shirol, Dist. Kolhapur.



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

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klp.dattsssk@gmail.com



Shifting of Injured Person to Hospital	Addressing of Mock Drill

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

Page 5 of 5



  
Managing Director  
Shree Datta Shetkari Sahakari Sakhar  
Karkhana Ltd., Shirol, Post. Dattanagar  
Tal. Shirol, Dist. Kolhapur.



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



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

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

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kip.dattssk@gmail.com

**OBSERVATION RECORD OF MOCK DRILL**

Date : 06/03/2024 Time: 11.10 AM

Area : Sugar Godown No 3

Communication : Factory Manager, Safety Officer

Scenario : Fire Occurrence at Sugar Godown No 3

**Sequence of events:-**

1. At 11.10 AM, Mr.Rutvik Koli Godown Mazdoor Notices Fire at Sugar Godown No-3 he Immediately inform about the fire to Godown Keeper Mr.R.S.Patil at 11.11 AM
2. At 11.12 AM Godown Keeper along with Mr.Koli rushed at Godown no 3 Immediately he inform about the emergency occurrence of fire to Site Controller Mr.S.A.Chougule.
3. Site Controller rush to emergency control center and declare emergency at 11.14 AM. Security Officer Mr.Koli operated the emergency siren.
4. As soon as siren is heard all the workers will gather near assembly point at 11.16 AM. The firefighting team starts firefighting operations at 11.14 AM with the help of fire extinguishers. Simultaneously Rescue and Evacuation team evacuate affected area. The First Aid team with Ambulance arrived at incident place but they found no Injured persons.
5. Incident Controller Called Fire Brigade for Controlling the fire and to help the firefighting team which put off the fire completely at 11.20 AM. After accessing the situation fire brigade declare all Clear.
6. The Site Controller directed to blow the all clear siren at 11.22 AM.
7. All Teams gather near Assembly Point at 11.24 AM. head count taken at 11.25 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.





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



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

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

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

klp.dattsssk@gmail.com

**Positive Findings:-**

1. Electrician Immediately cut off power supply of godown no 3.
2. Combustible Material in Godown was removed by Mechanical team.

**Short Comings: -**

1. Temporary Light Extension cable joint gets overheated and combustible Material near it caught fire.

**Details of Mock Drill:-**

Date of Mock drill: 06/03/2024

Time: 11.10 AM

Emergency Control Center: Sugar Godown No 3

Name of Site Controller: S.A.Chougule – Inch. Works & Factory Manager.

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

**Responses: -**

Mock Drill Started: 11.10 AM.

Mock Drill Completed: 11.25 AM.

Total time for Mock Drill Completion: 15 Min.

Response of various Teams: 3 Min.

Page 3 of 5





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



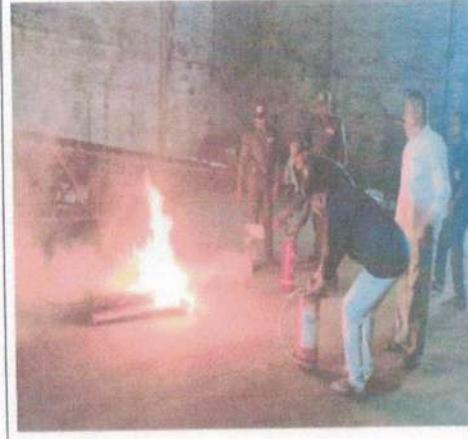
POST:DATTANAGAR 416 120, TALUKA SHIROL, DIST. KOLHAPUR. (MS) INDIA

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

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**PHOTOS-**

Fire Incident Information	Attending the Fire
	
Fire Fighting	Fire Fighting Vehicle Arrival
	

Page 4 of 5

  
Managing Director  
Shree Datta Shetkari Sahakari Sakhar  
Karkhana Ltd., Shirol, Post. Daltanagar  
Tal. Shirol, Dist. Kolhapur.





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

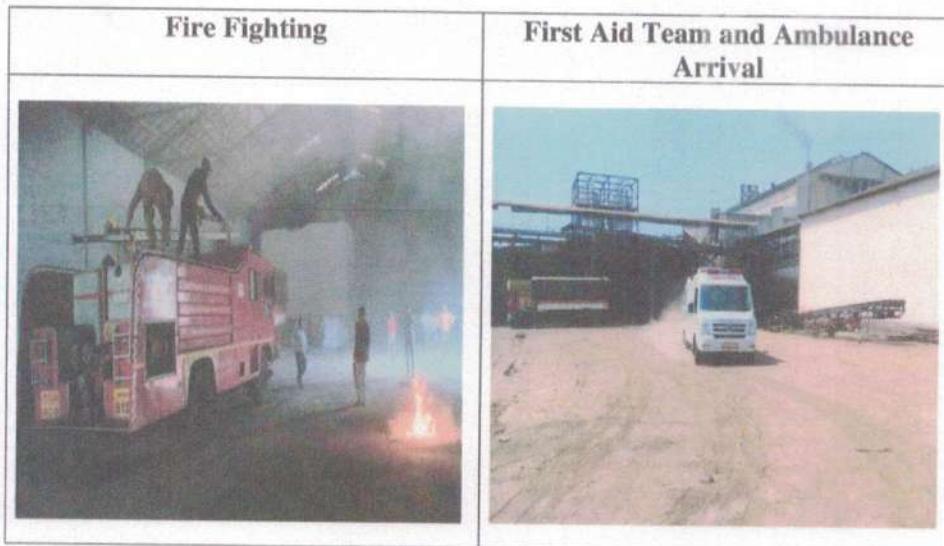


POST:DATTANAGAR 416 120, TALUKA SHIROL, DIST. KOLHAPUR. (MS) INDIA

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

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

klp.dattssk@gmail.com



Sign	Presented by	Approved by
Name	I.M. Mullani	M.V. Patil
Designation	Manager	Managing Director

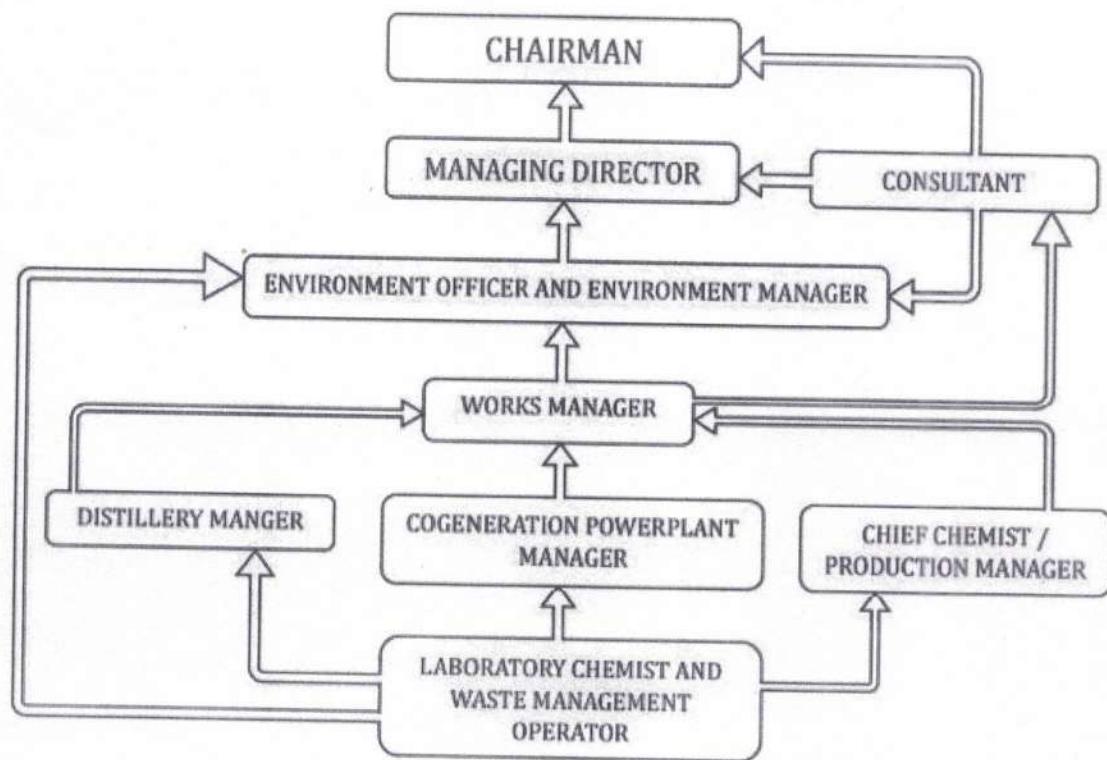
Page 5 of 5

Annexure VIII: Details of Environmental Management Cell

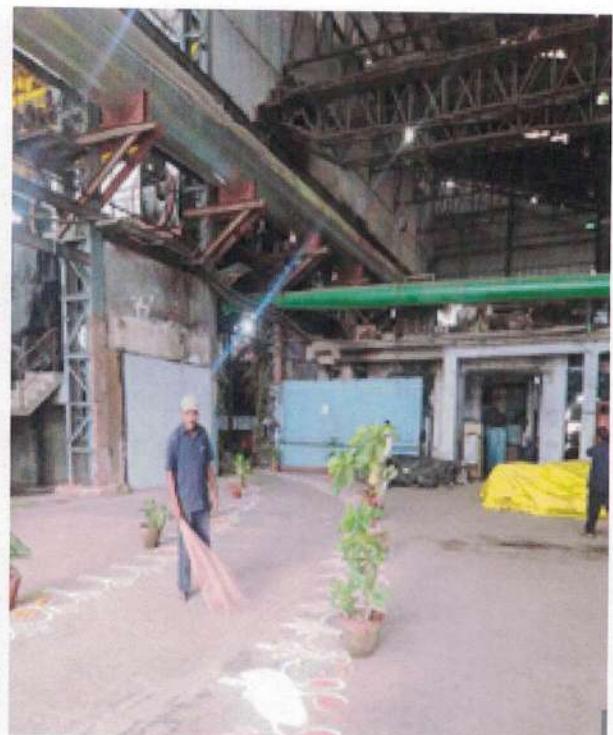


Managing Director  
Shree Datta Shetkari Sahakari Sakhar  
Karkhana Ltd., Plot No. 1, Tal. Post Dattanagar  
Tal. Shirol, Dist. Kolhapur.

Annexure VIII: Details of Environmental Management Cell



Annexure IX: Proper Housekeeping Photographs



A blue ink signature of a person's name, likely the Managing Director.

Managing Director  
Shree Datta Shetkari Sahakari Sakhar  
Karkhana Ltd., Shirol, Post. Dattanagar  
Tal. Shirol, Dist. Kolhapur.

**Annexure X: Monitoring Reports**  
**Stack Monitoring Report**

Report Ref. No. : SEC/Distillery Stack-IF/11-23, IY/12-23	Report Date : 7 <sup>th</sup> Dec 2023, 6 <sup>th</sup> Dec 2024
Name of Industry/Customer: Shree Datta Shetkari SSK Ltd., Dattanagar.	
Address: Yashwantnagar – Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur	Sample Description: Ambient Air
Date of Collection / Sampling : 30 <sup>th</sup> Nov 2023, 29 <sup>th</sup> Dec 2023	Sample Collected By: SEC Lab

Sr. No.	Parameter	Results		Limit	Method Used
		Nov	Dec		
1.	Stack Height (m)		30	--	--
2.	Stack Diameter (m)		3	--	--
3.	Boiler Capacity (TPH)		10 TPH	--	--
4.	Fuel Used		Bagasse	--	--
5.	Flue Gas Tem.(°C)	116	121	--	--
6.	Flue Gas Velocity (m/sec.)	8.1	8.5	--	--
7.	P.M.(mg/Nm <sup>3</sup> )	41	37	150	IS 11255m(Part 1): 1985, Reaffirmed 2003
8	SO <sub>2</sub> (mg/Nm <sup>3</sup> )	16	15	80	IS-11255 (Part 2): 1985 Reaffirmed 2009
9	NOx (mg/Nm <sup>3</sup> )	23	21	80	IS-11255 (Part 7): 2005 Reaffirmed 2012



## AMBIENT AIR QUALITY REPORT

Location: Near Sugar Main Gate

Report Ref. No. : SEC/AA-IF/11-23	End of Analysis : 06 December 2023
Name of Industry/Customer: <b>Shree Datta Shetakari SSK Ltd., Dattanagar.</b>	Report Date : 07 December 2023
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : AA1-IF
Date of Collection / Sampling : 30 November 2023	Sample Description: Ambient Air
Date of Receipt : 01 December 2023	Sample Collected By: SEC Lab

Report Ref. No. : SEC/AA-IY/12-23	End of Analysis : 05 January 2024
Name of Industry/Customer: <b>Shree Datta Shetakari SSK Ltd., Dattanagar.</b>	Report Date : 06 January 2024
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : AA1-IY
Date of Collection / Sampling : 29 December 2023	Sample Description: Ambient Air
Date of Receipt : 30 December 2023	Sample Collected By: SEC Lab

Report Ref. No. : SEC/AA-JQ/01-24	End of Analysis : 03 February 2024
Name of Industry/Customer: <b>Shree Datta Shetakari SSK Ltd., Dattanagar.</b>	Report Date : 05 February 2024
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : AA1-JQ
Date of Collection / Sampling : 24 January 2024	Sample Description: Ambient Air
Date of Receipt : 25 January 2024	Sample Collected By: SEC Lab

Sr. No.	Parameter	Unit	Nov	Dec	Jan	Standard Limit	Test Method
1	Particulate Matter (PM 10)	µg/m³	64	69	73	100	IS 5182 (Part 23): 2006 Reaffirmed 2012
2	Particulate Matter (PM 2.5)	µg/m³	27	31	32	60	SEC/SOP/Air/ Ambient/03:2018
3	Sulphur Dioxide (as SO₂)	µg/m³	9.3	9.5	9.8	80	IS 5182 (Part 2): 2001
4	Nitrogen Dioxide (as NOx)	µg/m³	11.5	11.8	12.2	80	IS 5182 (Part 6): 2006



## AMBIENT AIR QUALITY REPORT

Location: Near Distillery Plant

Report Ref. No. : SEC/AA-IF/11-23	End of Analysis : 06 December 2023
Name of Industry/Customer: Shree Datta Shetakari SSK Ltd., Dattanagar.	Report Date : 07 December 2023
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : AA2-IF
Date of Collection / Sampling : 30 November 2023	Sample Description: Ambient Air
Date of Receipt : 01 December 2023	Sample Collected By: SEC Lab

Sr. No.	Parameter	Unit	Result	Hours	NAAQ Standard 2009	Test Method
1	Particulate Matter (PM 10)	µg/m³	55	24 hr	100	IS 5182 (Part 23): 2006 Reaffirmed 2012
2	Particulate Matter (PM 2.5)	µg/m³	23	24 hr	60	SEC/SOP/Air/ Ambient/03:2018
3	Sulphur Dioxide (as SO₂)	µg/m³	11.7	24 hr	80	IS 5182 (Part 2): 2001
4	Nitrogen Dioxide (as NOx)	µg/m³	13.4	24 hr	80	IS 5182 (Part 6): 2006



**Location: Near Sugar ETP Plant**

Report Ref. No. : SEC/AA-IY/12-23	End of Analysis : 05 January 2024
Name of Industry/Customer: <b>Shree Datta Shetkari SSK Ltd., Dattanagar.</b>	Report Date : 06 January 2024
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : AA2-IY
Date of Collection / Sampling : 29 December 2023	Sample Description: Ambient Air
Date of Receipt : 30 December 2023	Sample Collected By: SEC Lab

Report Ref. No. : SEC/AA-JQ/01-24	End of Analysis : 03 February 2024
Name of Industry/Customer: <b>Shree Datta Shetkari SSK Ltd., Dattanagar.</b>	Report Date : 05 February 2024
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : AA2-JQ
Date of Collection / Sampling : 24 January 2024	Sample Description: Ambient Air
Date of Receipt : 25 January 2024	Sample Collected By: SEC Lab

Sr. No.	Parameter	Unit	Result		Standard Limit	Test Method
			Dec	Jan		
1	Particulate Matter (PM 10)	µg/m³	67	69	100	IS 5182 (Part 23): 2006 Reaffirmed 2012
2	Particulate Matter (PM 2.5)	µg/m³	30	31	60	SEC/SOP/Air/ Ambient/03:2018
3	Sulphur Dioxide (as SO₂)	µg/m³	8.3	8.5	80	IS 5182 (Part 2): 2001
4	Nitrogen Dioxide (as NOx)	µg/m³	10.5	10.8	80	IS 5182 (Part 6): 2006



**Location: Mill House**

Report Ref. No. : SEC/AA-JZ/02-24	End of Analysis : 12 February 2024
Name of Industry/Customer: <b>Shree Datta Shetkari SSK Ltd., Dattanagar.</b>	Report Date : 12 February 2024
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : AA1-JZ
Date of Collection / Sampling : 07 February 2024	Sample Description: Ambient Air
Date of Receipt : 08 February 2024	Sample Collected By: SEC Lab

Report Ref. No. : SEC/AA-KU/03-24	End of Analysis : 16 March 2024
Name of Industry/Customer: <b>Shree Datta Shetkari SSK Ltd., Dattanagar.</b>	Report Date : 18 March 2024
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : AA1-KU
Date of Collection / Sampling : 05 March 2024	Sample Description: Ambient Air
Date of Receipt : 06 March 2024	Sample Collected By: SEC Lab

Sr. No.	Parameter	Unit	Result		Standard Limit	Test Method
			Feb	March		
1	Particulate Matter (PM 10)	µg/m³	63	67	100	IS 5182 (Part 23): 2006 Reaffirmed 2012
2	Particulate Matter (PM 2.5)	µg/m³	24	25	60	SEC/SOP/Air/ Ambient/03:2018
3	Sulphur Dioxide (as SO₂)	µg/m³	6.8	6.9	80	IS 5182 (Part 2): 2001
4	Nitrogen Dioxide (as NOx)	µg/m³	8.3	8.5	80	IS 5182 (Part 6): 2006



**Location: Boiler House**

Report Ref. No. : SEC/AA-JZ/02-24	End of Analysis : 12 February 2024
Name of Industry/Customer: <b>Shree Datta Shetkari SSK Ltd., Dattanagar.</b>	Report Date : 12 February 2024
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : AA2-JZ
Date of Collection / Sampling : 07 February 2024	Sample Description: Ambient Air
Date of Receipt : 08 February 2024	Sample Collected By: SEC Lab

Report Ref. No. : SEC/AA-KU/03-24	End of Analysis : 16 March 2024
Name of Industry/Customer: <b>Shree Datta Shetkari SSK Ltd., Dattanagar.</b>	Report Date : 18 March 2024
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : AA2-KU
Date of Collection / Sampling : 05 March 2024	Sample Description: Ambient Air
Date of Receipt : 06 March 2024	Sample Collected By: SEC Lab

Sr. No.	Parameter	Unit	Result		Standard Limit	Test Method
			Feb	March		
1	Particulate Matter (PM 10)	µg/m³	72	74	100	IS 5182 (Part 23): 2006 Reaffirmed 2012
2	Particulate Matter (PM 2.5)	µg/m³	31	32	60	SEC/SOP/Air/ Ambient/03:2018
3	Sulphur Dioxide (as SO₂)	µg/m³	7.4	7.6	80	IS 5182 (Part 2): 2001
4	Nitrogen Dioxide (as NOx)	µg/m³	9.6	9.8	80	IS 5182 (Part 6): 2006



Location: Distillation House

Report Ref. No. : SEC/AA-JZ/02-24	End of Analysis : 12 February 2024
Name of Industry/Customer: <b>Shree Datta Shetkari SSK Ltd., Dattanagar.</b>	Report Date : 12 February 2024
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : AA3-JZ
Date of Collection / Sampling : 07 February 2024	Sample Description: Ambient Air
Date of Receipt : 08 February 2024	Sample Collected By: SEC Lab

Report Ref. No. : SEC/AA-KU/03-24	End of Analysis : 16 March 2024
Name of Industry/Customer: <b>Shree Datta Shetkari SSK Ltd., Dattanagar.</b>	Report Date : 18 March 2024
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : AA3-KU
Date of Collection / Sampling : 05 March 2024	Sample Description: Ambient Air
Date of Receipt : 06 March 2024	Sample Collected By: SEC Lab

Sr. No.	Parameter	Unit	Result		Standard Limit	Test Method
			Feb	March		
1	Particulate Matter (PM 10)	µg/m³	48	51	100	IS 5182 (Part 23): 2006 Reaffirmed 2012
2	Particulate Matter (PM 2.5)	µg/m³	18	19	60	SEC/SOP/Air/ Ambient/03:2018
3	Sulphur Dioxide (as SO₂)	µg/m³	5.4	5.5	80	IS 5182 (Part 2): 2001
4	Nitrogen Dioxide (as NOx)	µg/m³	7.1	7.3	80	IS 5182 (Part 6): 2006



**NOISE LEVEL MEASUREMENT REPORT**

Report Ref. No. : SEC/NL-IF/11-23	End of Analysis : 06 December 2023
Name of Industry/Customer: Shree Datta Shetkari SSK Ltd., Dattanagar.	Report Date : 07 December 2023
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : NL-IF
Date of Collection / Sampling : 30 November 2023	Sample Description: Noise Level
Date of Receipt : 01 December 2023	Sample Collected By: SEC Lab

Sr. No.	Location of recording Sound level	Unit	Results	Time	Standard Limit dB (A) Leq	Test Method
1.	Near Sugar Main Gate	dB (A) Leq	54.9	Day	75	IS 9989
			50.5	Night	70	
2.	Near Cane Yard	dB (A) Leq	62.3	Day	75	IS 9989
			57.8	Night	70	
3.	Near Sugar Mill House	dB (A) Leq	68.3	Day	75	IS 9989
			62.6	Night	70	
4.	Near Boiler House	dB (A) Leq	70.2	Day	75	IS 9989
			68.5	Night	70	
5.	Near Co-gen Plant	dB (A) Leq	55.8	Day	75	IS 9989
			52.4	Night	70	
6.	Near Distillery Plant	dB (A) Leq	57.1	Day	75	IS 9989
			54.3	Night	70	
7.	Near Sugar ETP Plant	dB (A) Leq	58.6	Day	75	IS 9989
			54.0	Night	70	
8.	Near CPU Plant	dB (A) Leq	55.8	Day	75	IS 9989
			52.1	Night	70	
9.	Near General Office	dB (A) Leq	51.9	Day	75	IS 9989
			48.3	Night	70	
10.	Near Factory Colony	dB (A) Leq	47.6	Day	55	IS 9989



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

**Name of the Sample: Sugar ETP Inlet**

Report Ref. No. : SEC/W-IF/11-23	End of Analysis : 06 December 2023
Name of Industry/Customer: <b>Shree Datta Shetakari SSK Ltd., Dattanagar.</b>	Report Date : 07 December 2023
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : IF1
Date of Collection / Sampling : 30 November 2023	Nature of Sample: Water
Date of Receipt : 01 December 2023	Sample Collected By: SEC Lab
Date of Analysis: 01 December 2023	Sample Quantity : 1 lit

Report Ref. No. : SEC/W-IY/12-23	End of Analysis : 05 January 2024
Name of Industry/Customer: <b>Shree Datta Shetakari SSK Ltd., Dattanagar.</b>	Report Date : 06 January 2024
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : IY3
Date of Collection / Sampling : 29 December 2023	Nature of Sample: Water
Date of Receipt : 30 December 2023	Sample Collected By: SEC Lab
Date of Analysis: 30 December 2023	Sample Quantity : 1 lit each samples

Name of Industry/Customer: <b>Shree Datta Shetakari SSK Ltd., Dattanagar.</b>	Report Date : 05 February 2024
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : JQ1
Date of Collection / Sampling : 24 January 2024	Nature of Sample: Water
Date of Receipt : 25 January 2024	Sample Collected By: SEC Lab
Date of Analysis: 27 January 2024	Sample Quantity : 1 lit each samples

Name of Industry/Customer: <b>Shree Datta Shetakari SSK Ltd., Dattanagar.</b>	Report Date : 16 February 2024
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : JZ1
Date of Collection / Sampling : 07 February 2024	Nature of Sample: Water
Date of Receipt : 08 February 2024	Sample Collected By: SEC Lab
Date of Analysis: 09 February 2024	Sample Quantity : 1 lit each samples

Report Ref. No. : SEC/W-KU/03-24	End of Analysis : 16 March 2024
Name of Industry/Customer: <b>Shree Datta Shetakari SSK Ltd., Dattanagar.</b>	Report Date : 18 March 2024
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : KU1
Date of Collection / Sampling : 05 March 2024	Nature of Sample: Water
Date of Receipt : 06 March 2024	Sample Collected By: SEC Lab
Date of Analysis: 07 March 2024	Sample Quantity : 1 lit each samples



Sr. No.	Test Parameter	Nov	Dec	Jan	Feb	March	Unit	Test Method
1	pH @ 25 °C	4.71	12.35	5.24	4.12	12.43	-	IS:3025 (P-11) 1983
2	Chemical Oxygen Demand	3469	9091	2360	3120	2800	mg/l	IS:3025 (P-58) 2006
3	B.O.D. (3 days at 27°C)	1651	4359	1070	1461	1295	mg/l	IS:3025 (P-44) 1993
4	Total Dissolved Solids	2857	3725	2588	2832	3283	mg/l	IS:3025(P-16)1984
5	Total Suspended Solids	269	564	375	405	425	mg/l	IS:3025 (P-17) 1984
6	Chloride as Cl <sup>-</sup>	454	437	199	248	199	mg/l	IS:3025 (P-32) 1988
7	Sulphate as SO <sub>4</sub>	203	270	164	183	143	mg/l	IS:3025 (P-24) 1986
8	Oil & Grease	10	10	10	10	10	mg/l	IS:3025 (P-39) 1991 (RA 2003)



Name of the Sample: Sugar ETP Outlet

Report Ref. No. : SEC/W-IF/11-23	End of Analysis : 06 December 2023
Name of Industry/Customer: <b>Shree Datta Shetkari SSK Ltd., Dattanagar.</b>	Report Date : 07 December 2023
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : IF2
Date of Collection / Sampling : 30 November 2023	Nature of Sample: Water
Date of Receipt : 01 December 2023	Sample Collected By: SEC Lab
Date of Analysis: 01 December 2023	Sample Quantity : 1 lit

Report Ref. No. : SEC/W-IY/12-23	End of Analysis : 05 January 2024
Name of Industry/Customer: <b>Shree Datta Shetkari SSK Ltd., Dattanagar.</b>	Report Date : 06 January 2024
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : IY4
Date of Collection / Sampling : 29 December 2023	Nature of Sample: Water
Date of Receipt : 30 December 2023	Sample Collected By: SEC Lab
Date of Analysis: 30 December 2023	Sample Quantity : 1 lit each samples

Name of Industry/Customer: <b>Shree Datta Shetkari SSK Ltd., Dattanagar.</b>	Report Date : 05 February 2024
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : JQ2
Date of Collection / Sampling : 24 January 2024	Nature of Sample: Water
Date of Receipt : 25 January 2024	Sample Collected By: SEC Lab
Date of Analysis: 27 January 2024	Sample Quantity : 1 lit each samples

Name of Industry/Customer: <b>Shree Datta Shetkari SSK Ltd., Dattanagar.</b>	Report Date : 16 February 2024
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : JZ2
Date of Collection / Sampling : 07 February 2024	Nature of Sample: Water
Date of Receipt : 08 February 2024	Sample Collected By: SEC Lab
Date of Analysis: 09 February 2024	Sample Quantity : 1 lit each samples

Report Ref. No. : SEC/W-KU/03-24	End of Analysis : 16 March 2024
Name of Industry/Customer: <b>Shree Datta Shetkari SSK Ltd., Dattanagar.</b>	Report Date : 18 March 2024
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : KU2
Date of Collection / Sampling : 05 March 2024	Nature of Sample: Water
Date of Receipt : 06 March 2024	Sample Collected By: SEC Lab
Date of Analysis: 07 March 2024	Sample Quantity : 1 lit each samples



Sr. No.	Test Parameter	Nov	Dec	Jan	Feb	March	Unit	Test Method
1	pH @ 25 °C	7.62	6.69	7.16	7.58	7.24	-	IS:3025 (P-11) 1983
2	Chemical Oxygen Demand	129	158	164	135	116	mg/l	IS:3025 (P-58) 2006
3	B.O.D. (3 days at 27°C)	46	70	75	57	54	mg/l	IS:3025 (P-44) 1993
4	Total Dissolved Solids	974	1053	893	845	825	mg/l	IS:3025(P-16)1984
5	Total Suspended Solids	51	58	56	52	51	mg/l	IS:3025 (P-17) 1984
6	Chloride as Cl <sup>-</sup>	70	65	85	106	96	mg/l	IS:3025 (P-32) 1988
7	Sulphate as SO <sub>4</sub>	137	140	131	139	105	mg/l	IS:3025 (P-24) 1986
8	Oil & Grease	ND	ND	ND	ND	ND	mg/l	IS:3025 (P-39) 1991 (RA 2003)



Name of the Sample: Sugar CPU Inlet

Report Ref. No. : SEC/W-IF/11-23	End of Analysis : 06 December 2023
Name of Industry/Customer: <b>Shree Datta Shetkari SSK Ltd., Dattanagar.</b>	Report Date : 07 December 2023
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : IF5
Date of Collection / Sampling : 30 November 2023	Nature of Sample: Water
Date of Receipt : 01 December 2023	Sample Collected By: SEC Lab
Date of Analysis: 01 December 2023	Sample Quantity : 1 lit

Report Ref. No. : SEC/W-IY/12-23	End of Analysis : 05 January 2024
Name of Industry/Customer: <b>Shree Datta Shetkari SSK Ltd., Dattanagar.</b>	Report Date : 06 January 2024
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : IY7
Date of Collection / Sampling : 29 December 2023	Nature of Sample: Water
Date of Receipt : 30 December 2023	Sample Collected By: SEC Lab
Date of Analysis: 30 December 2023	Sample Quantity : 1 lit each samples

Report Ref. No. : SEC/W-JQ/01-24	End of Analysis : 03 February 2024
Name of Industry/Customer: <b>Shree Datta Shetkari SSK Ltd., Dattanagar.</b>	Report Date : 05 February 2024
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : JQ3
Date of Collection / Sampling : 24 January 2024	Nature of Sample: Water
Date of Receipt : 25 January 2024	Sample Collected By: SEC Lab
Date of Analysis: 27 January 2024	Sample Quantity : 1 lit each samples

Report Ref. No. : SEC/W-KU/03-24	End of Analysis : 16 March 2024
Name of Industry/Customer: <b>Shree Datta Shetkari SSK Ltd., Dattanagar.</b>	Report Date : 18 March 2024
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : KU3
Date of Collection / Sampling : 05 March 2024	Nature of Sample: Water
Date of Receipt : 06 March 2024	Sample Collected By: SEC Lab
Date of Analysis: 07 March 2024	Sample Quantity : 1 lit each samples

Sr. No.	Test Parameter	Nov	Dec	Jan	March	Unit	Test Method
1	pH @ 25 °C	6.91	6.12	7.52	5.74	-	IS:3025 (P-11) 1983
2	Chemical Oxygen Demand	337	198	204	2413	mg/l	IS:3025 (P-58) 2006
3	B.O.D. (3 days at 27°C)	112	90	95	1090	mg/l	IS:3025 (P-44) 1993
4	Total Dissolved Solids	109	158	276	750	mg/l	IS:3025(P-16)1984
5	Total Suspended Solids	16	10	21	42	mg/l	IS:3025 (P-17) 1984
6	Chloride as Cl <sup>-</sup>	24	5	5	15	mg/l	IS:3025 (P-32) 1988

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

Shree Datta Shetkari Sahakari Sakhar Karkhana Ltd.

7	Sulphate as SO <sub>4</sub>	33	16	20	24	mg/l	IS:3025 (P-24) 1986
8	Oil & Grease	ND	ND	ND	ND	mg/l	IS:3025 (P-39) 1991 (RA 2003)



Shree Datta Shetakari Sahakari Sakhar Karkhana Ltd.

Name of the Sample: Sugar CPU Outlet

Report Ref. No. : SEC/W-IF/11-23	End of Analysis : 06 December 2023
Name of Industry/Customer: <b>Shree Datta Shetakari SSK Ltd., Dattanagar.</b>	Report Date : 07 December 2023
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : IF6
Date of Collection / Sampling : 30 November 2023	Nature of Sample: Water
Date of Receipt : 01 December 2023	Sample Collected By: SEC Lab
Date of Analysis: 01 December 2023	Sample Quantity : 1 lit

Report Ref. No. : SEC/W-IY/12-23	End of Analysis : 05 January 2024
Name of Industry/Customer: <b>Shree Datta Shetakari SSK Ltd., Dattanagar.</b>	Report Date : 06 January 2024
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : IY8
Date of Collection / Sampling : 29 December 2023	Nature of Sample: Water
Date of Receipt : 30 December 2023	Sample Collected By: SEC Lab
Date of Analysis: 30 December 2023	Sample Quantity : 1 lit each samples

Report Ref. No. : SEC/W-JQ/01-24	End of Analysis : 03 February 2024
Name of Industry/Customer: <b>Shree Datta Shetakari SSK Ltd., Dattanagar.</b>	Report Date : 05 February 2024
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : JQ4
Date of Collection / Sampling : 24 January 2024	Nature of Sample: Water
Date of Receipt : 25 January 2024	Sample Collected By: SEC Lab
Date of Analysis: 27 January 2024	Sample Quantity : 1 lit each samples

Report Ref. No. : SEC/W-KU/03-24	End of Analysis : 16 March 2024
Name of Industry/Customer: <b>Shree Datta Shetakari SSK Ltd., Dattanagar.</b>	Report Date : 18 March 2024
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : KU4
Date of Collection / Sampling : 05 March 2024	Nature of Sample: Water
Date of Receipt : 06 March 2024	Sample Collected By: SEC Lab
Date of Analysis: 07 March 2024	Sample Quantity : 1 lit each samples

Sr. No.	Test Parameter	Nov	Dec	Jan	March	Unit	Test Method
1	pH @ 25 °C	7.31	7.38	6.78	6.59	-	IS:3025 (P-11) 1983
2	Chemical Oxygen Demand	54	12	48	128	mg/l	IS:3025 (P-58) 2006
3	B.O.D. (3 days at 27°C)	10	< 4	16	52	mg/l	IS:3025 (P-44) 1993
4	Total Dissolved Solids	115	140	153	106	mg/l	IS:3025(P-16)1984
5	Total Suspended Solids	ND	ND	ND	12	mg/l	IS:3025 (P-17) 1984
6	Chloride as Cl <sup>-</sup>	16	ND	ND	ND	mg/l	IS:3025 (P-32) 1988

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

Shree Datta Shetkari Sahakari Sakhar Karkhana Ltd.

7	Sulphate as SO <sub>4</sub>	27	5	8	8	mg/l	IS:3025 (P-24) 1986
8	Oil & Grease	ND	ND	ND	ND	mg/l	IS:3025 (P-39) 1991 (RA 2003)



Name of the Sample: Sugar Spray Pond Overflow

Report Ref. No. : SEC/W-IF/11-23	End of Analysis : 06 December 2023
Name of Industry/Customer: <b>Shree Datta Shetakari SSK Ltd., Dattanagar.</b>	Report Date : 07 December 2023
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : IF7
Date of Collection / Sampling : 30 November 2023	Nature of Sample: Water
Date of Receipt : 01 December 2023	Sample Collected By: SEC Lab
Date of Analysis: 01 December 2023	Sample Quantity : 1 lit

Report Ref. No. : SEC/W-IY/12-23	End of Analysis : 05 January 2024
Name of Industry/Customer: <b>Shree Datta Shetakari SSK Ltd., Dattanagar.</b>	Report Date : 06 January 2024
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : IY11
Date of Collection / Sampling : 29 December 2023	Nature of Sample: Water
Date of Receipt : 30 December 2023	Sample Collected By: SEC Lab
Date of Analysis: 30 December 2023	Sample Quantity : 1 lit

Report Ref. No. : SEC/W-JQ/01-24	End of Analysis : 03 February 2024
Name of Industry/Customer: <b>Shree Datta Shetakari SSK Ltd., Dattanagar.</b>	Report Date : 05 February 2024
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : JQ9
Date of Collection / Sampling : 24 January 2024	Nature of Sample: Water
Date of Receipt : 25 January 2024	Sample Collected By: SEC Lab
Date of Analysis: 27 January 2024	Sample Quantity : 1 lit each samples

Report Ref. No. : SEC/W-JZ/02-24	End of Analysis : 15 February 2024
Name of Industry/Customer: <b>Shree Datta Shetakari SSK Ltd., Dattanagar.</b>	Report Date : 16 February 2024
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : JZ5
Date of Collection / Sampling : 07 February 2024	Nature of Sample: Water
Date of Receipt : 08 February 2024	Sample Collected By: SEC Lab
Date of Analysis: 09 February 2024	Sample Quantity : 1 lit

Report Ref. No. : SEC/W-KU/03-24	End of Analysis : 16 March 2024
Name of Industry/Customer: <b>Shree Datta Shetakari SSK Ltd., Dattanagar.</b>	Report Date : 18 March 2024
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : KU7
Date of Collection / Sampling : 05 March 2024	Nature of Sample: Water
Date of Receipt : 06 March 2024	Sample Collected By: SEC Lab
Date of Analysis: 07 March 2024	Sample Quantity : 1 lit



Shree Datta Shetkari Sahakari Sakhar Karkhana Ltd.

Sr. No.	Test Parameter	Nov	Dec	Jan	Feb	March	Unit	Test Method
1	pH @ 25 °C	7.73	7.53	7.10	6.59	6.75	-	IS:3025 (P-11) 1983
2	Chemical Oxygen Demand	829	892	728	356	360	mg/l	IS:3025 (P-58) 2006
3	B.O.D. (3 days at 27°C)	337	410	285	138	141	mg/l	IS:3025 (P-44) 1993
4	Total Dissolved Solids	1031	1730	1526	1460	1663	mg/l	IS:3025(P-16)1984
5	Total Suspended Solids	163	188	154	137	145	mg/l	IS:3025 (P-17) 1984
6	Chloride as Cl <sup>-</sup>	74	85	81	72	99	mg/l	IS:3025 (P-32) 1988
7	Sulphate as SO <sub>4</sub>	190	175	169	143	157	mg/l	IS:3025 (P-24) 1986
8	Oil & Grease	ND	ND	ND	ND	ND	mg/l	IS:3025 (P-39) 1991 (RA 2003)



Name of sample: STP Inlet

Report Ref. No. : SEC/W-IF/11-23	End of Analysis : 06 December 2023
Name of Industry/Customer: <b>Shree Datta Shetakari SSK Ltd., Dattanagar.</b>	Report Date : 07 December 2023
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : IF3
Date of Collection / Sampling : 30 November 2023	Nature of Sample: Water
Date of Receipt : 01 December 2023	Sample Collected By: SEC Lab
Date of Analysis: 01 December 2023	Sample Quantity : 1 lit

Report Ref. No. : SEC/W-IY/12-23	End of Analysis : 05 January 2024
Name of Industry/Customer: <b>Shree Datta Shetakari SSK Ltd., Dattanagar.</b>	Report Date : 06 January 2024
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : IY9
Date of Collection / Sampling : 29 December 2023	Nature of Sample: Water
Date of Receipt : 30 December 2023	Sample Collected By: SEC Lab
Date of Analysis: 30 December 2023	Sample Quantity : 1 lit

Report Ref. No. : SEC/W-JQ/01-24	End of Analysis : 03 February 2024
Name of Industry/Customer: <b>Shree Datta Shetakari SSK Ltd., Dattanagar.</b>	Report Date : 05 February 2024
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : JQ7
Date of Collection / Sampling : 24 January 2024	Nature of Sample: Water
Date of Receipt : 25 January 2024	Sample Collected By: SEC Lab
Date of Analysis: 27 January 2024	Sample Quantity : 1 lit each samples

Sr. No.	Test Parameter	Nov	Dec	Jan	Unit	Test Method
1	pH @ 25 °C	7.44	6.78	7.13	-	IS:3025 (P-11) 1983
2	Chemical Oxygen Demand	927	181	144	mg/l	IS:3025 (P-58) 2006
3	B.O.D. (3 days at 27°C)	382	90	68	mg/l	IS:3025 (P-44) 1993
4	Total Dissolved Solids	737	890	784	mg/l	IS:3025(P-16)1984
5	Total Suspended Solids	139	145	131	mg/l	IS:3025 (P-17) 1984
6	Chloride as Cl <sup>-</sup>	205	240	248	mg/l	IS:3025 (P-32) 1988
7	Sulphate as SO <sub>4</sub>	118	163	166	mg/l	IS:3025 (P-24) 1986
8	Oil & Grease	ND	ND	ND	mg/l	IS:3025 (P-39) 1991 (RA 2003)



Shree Datta Shetakari Sahakari Sakhar Karkhana Ltd.

Name of sample: STP Outlet

Report Ref. No. : SEC/W-IF/11-23	End of Analysis : 06 December 2023
Name of Industry/Customer: Shree Datta Shetakari SSK Ltd., Dattanagar.	Report Date : 07 December 2023
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : IF4
Date of Collection / Sampling : 30 November 2023	Nature of Sample: Water
Date of Receipt : 01 December 2023	Sample Collected By: SEC Lab
Date of Analysis: 01 December 2023	Sample Quantity : 1 lit

Report Ref. No. : SEC/W-IY/12-23	End of Analysis : 05 January 2024
Name of Industry/Customer: Shree Datta Shetakari SSK Ltd., Dattanagar.	Report Date : 06 January 2024
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : IY10
Date of Collection / Sampling : 29 December 2023	Nature of Sample: Water
Date of Receipt : 30 December 2023	Sample Collected By: SEC Lab
Date of Analysis: 30 December 2023	Sample Quantity : 1 lit

Report Ref. No. : SEC/W-JQ/01-24	End of Analysis : 03 February 2024
Name of Industry/Customer: Shree Datta Shetakari SSK Ltd., Dattanagar.	Report Date : 05 February 2024
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : JQ8
Date of Collection / Sampling : 24 January 2024	Nature of Sample: Water
Date of Receipt : 25 January 2024	Sample Collected By: SEC Lab
Date of Analysis: 27 January 2024	Sample Quantity : 1 lit each samples

Sr. No.	Test Parameter	Nov	Dec	Jan	Unit	Test Method
1	pH @ 25 °C	6.90	6.92	7.57	-	IS:3025 (P-11) 1983
2	Chemical Oxygen Demand	82	40	28	mg/l	IS:3025 (P-58) 2006
3	B.O.D. (3 days at 27°C)	24	9	< 4	mg/l	IS:3025 (P-44) 1993
4	Total Dissolved Solids	530	638	690	mg/l	IS:3025(P-16)1984
5	Total Suspended Solids	61	56	72	mg/l	IS:3025 (P-17) 1984
6	Chloride as Cl <sup>-</sup>	139	139	109	mg/l	IS:3025 (P-32) 1988
7	Sulphate as SO <sub>4</sub>	83	95	88	mg/l	IS:3025 (P-24) 1986
8	Oil & Grease	ND	ND	ND	mg/l	IS:3025 (P-39) 1991 (RA 2003)



**TEST REPORT**

Report Ref. No. : SEC/C-KU/03-24	End of Analysis : 16 March 2024
Name of Industry/Customer: <b>Shree Datta Shetkari SSK Ltd., Dattanagar.</b>	Report Date : 18 March 2024
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : KU8
Date of Collection / Sampling : 05 March 2024	Nature of Sample: Compost
Date of Receipt : 06 March 2024	Sample Collected By: SEC Lab
Date of Analysis: 07 March 2024	Sample Quantity : 1 kg
Name of Sample : Ready Compost	

Sr. No.	Test Parameter	Result	Unit	Standards
1	Moisture	29.15	%	< 35
2	pH (Saturated) @ 25 °C	6.57	--	6.5 – 8.5
3	Total Volatile Solids	61.02	%	60 – 65
4	Residual Ash	38.98	%	40 – 45
5	Nitrogen as N	1.63	%	1.5 – 2.0
6	Phosphorus as P2O5	1.14	%	1.5 – 2.0
7	Potassium as K2O	3.26	%	2.0 – 3.5
8	Organic Carbon	23.17	%	20 – 25
9	C/N	14.21	--	< 17
<b>Leachate Water (Filtrate)</b>				
10	pH @ 25 °C	7.69	--	6.5 – 8.5
11	C.O.D.	158	mg/l	< 250
12	B.O.D.	23	mg/l	< 30
13	Chlorides	181	mg/l	< 600
14	E. Conductivity	1340	µmhos/cm	< 2100



**TEST REPORT**

Report Ref. No. : SEC/W-IY/12-23	End of Analysis : 05 January 2024
Name of Industry/Customer: Shree Datta Shetakari SSK Ltd., Dattanagar.	Report Date : 06 January 2024
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : IY12 & IY13
Date of Collection / Sampling : 29 December 2023	Nature of Sample: Water
Date of Receipt : 30 December 2023	Sample Collected By: SEC Lab
Date of Analysis: 30 December 2023	Sample Quantity : 1 lit
Name of Sample : Spentlees Plant No. 1 & Spentlees Plant No. 2 Water Samples	

Sr. No.	Test Parameter	Spentlees Plant No 1	Spentlees Plant No 2	Unit	Test Method
1	pH @ 25 °C	2.82	1.70	-	IS:3025 (P-11) 1983
2	Chemical Oxygen Demand	171	1699	mg/l	IS:3025 (P-58) 2006
3	B.O.D. (3 days at 27°C)	80	768	mg/l	IS:3025 (P-44) 1993
4	Total Dissolved Solids	472	396	mg/l	IS:3025(P-16)1984
5	Total Suspended Solids	35	20	mg/l	IS:3025 (P-17) 1984
6	Chloride as Cl <sup>-</sup>	159	50	mg/l	IS:3025 (P-32) 1988
7	Sulphate as SO <sub>4</sub>	131	92	mg/l	IS:3025 (P-24) 1986
8	Oil & Grease	ND	ND	mg/l	IS:3025 (P-39) 1991 (RA 2003)



**TEST REPORT**

Report Ref. No. : SEC/W-IY/12-23	End of Analysis : 05 January 2024
Name of Industry/Customer: <b>Shree Datta Shetkari SSK Ltd., Dattanagar.</b>	Report Date : 06 January 2024
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : IY1 & IY2
Date of Collection / Sampling : 29 December 2023	Nature of Sample: Water
Date of Receipt : 30 December 2023	Sample Collected By: SEC Lab
Date of Analysis: 30 December 2023	Sample Quantity : 1 lit each samples
Name of Sample : Raw Spentwash [Common] & MEE Spentwash Water Sample	

Sr. No.	Test Parameter	Unit	Raw Spent Wash	MEE Spentwash	Test Method
1	pH @ 25 °C	-	2.94	2.84	IS:3025 (P-11) 1983
2	Chemical Oxygen Demand	mg/l	1,47,563	7,59,288	IS:3025 (P-58) 2006
3	B.O.D. (3 days at 27°C)	mg/l	67,435	3,74,769	IS:3025 (P-44) 1993
4	Total Solids	mg/l	1,93,170	8,63,217	APHA 22 <sup>nd</sup> Edition-2012, 2540 B
5	Total Volatile Solids	mg/l	1,05,284	5,14,305	APHA 22 <sup>nd</sup> Edition-2012, 2540-E,G
6	Total Inorganic Solids	mg/l	87,886	3,48,912	APHA 22 <sup>nd</sup> Edition-2012, 2540 C
7	Chlorides	mg/l	6156	21,476	IS:3025 (P-32) 1988
8	Sulphates	mg/l	4967	17,920	IS:3025 (P-24) 1986
9	Potassium	mg/l	11,340	43,610	IS:3025 (P-45) 1993



**TEST REPORT**

Report Ref. No. : SEC/W-JQ/01-24	End of Analysis : 03 February 2024
Name of Industry/Customer: Shree Datta Shetakari SSK Ltd., Dattanagar.	Report Date : 05 February 2024
Address: Dattanagar – 416120, Tal: Shirol, Dist. Kolhapur.	Lab ID/Sample Ref. No. : JQ10
Date of Collection / Sampling : 24 January 2024	Nature of Sample: Water
Date of Receipt : 25 January 2024	Sample Collected By: SEC Lab
Date of Analysis: 27 January 2024	Sample Quantity : 1 lit each samples
Name of Sample : Evaporation Process Condensate	

Sr. No.	Test Parameter	Result	Unit	Test Method
1	pH @ 25 °C	3.38	-	IS:3025 (P-11) 1983
2	Chemical Oxygen Demand	6480	mg/l	IS:3025 (P-58) 2006
3	B.O.D. (3 days at 27°C)	2976	mg/l	IS:3025 (P-44) 1993
4	Total Dissolved Solids	643	mg/l	IS:3025(P-16)1984
5	Total Suspended Solids	26	mg/l	IS:3025 (P-17) 1984
6	Chloride as Cl <sup>-</sup>	740	mg/l	IS:3025 (P-32) 1988
7	Sulphate as SO <sub>4</sub>	109	mg/l	IS:3025 (P-24) 1986
8	Oil & Grease	ND	mg/l	IS:3025 (P-39) 1991 (RA 2003)

