



PADMASHRI DR. D. Y. PATIL SAHAKARI SAKHAR KARKHANA LTD;
DNYANSHANTINAGAR, TAL. GAGANBAVADA, DIST. KOLHAPUR.

पद्मश्री डॉ. डी. वाय. पाटील सहकारी साखर कारखाना लि.,
ज्ञानशांतीनगर, ता. गगनबावडा, जि. कोल्हापूर.

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Tar - Dnyanshantisakhar Regd. No.: KPR/GWA/PRG/(A)/S-50/Date:6/4/1994
PAN No. - AAAAS 6831 N GSTIN - 27AAAAS6831N1Z2

चेअरमन

आमदार सतेज उर्फ बंटी डी. पाटील

माजी गृह राज्यमंत्री, महाराष्ट्र राज्य

Ref. No. :

Date :

REF. NO.: DNS/ADM/ ~~1263~~ 2022-23

DATE: 15/11/2022

To,
The Regional Officer,
MoEFCC; Western Region (WCZ),
Ground Floor, East Wing,
New Secretariat Building,
Civil Lines, Nagpur – 440001

Sub. : Submission of Six Monthly Environment Compliance report for period **April 2022 to September 2022** w.r.t. 19 MW Co-generation plant – **Padmashree Dr. D. Y. Patil Sahakari Sakhar Karakhana Ltd.**, located at, Dnyanshantinagar, Village Vesaraf- Palsambe, Post-Aslaj, Tal- Gaganbawada, Dist- Kolhapur- Maharashtra 416206.

Ref. : EC granted by Government of Maharashtra, Environment Department; for 19 MW Co-generation plant vide Letter No. SEAC-2010/CR-357/T.C.-2 dated 23.12.2011. The Copy of EC letter is enclosed at **Enclosure – I** for ready reference.


Dear Sir,

This has reference to Environmental Clearance (EC) granted by Department of Environment, Govt. of Maharashtra above-mentioned letter. The same is with respect to 19 MW Co-generation plant by **Padmashree Dr. D. Y. Patil Sahakari Sakhar Karakhana Ltd.**, located at, Dnyanshantinagar, Village Vesaraf- Palsambe, Post-Aslaj, Tal- Gaganbawada, Dist- Kolhapur- Maharashtra 416206.

Accordingly, we are submitting a six monthly compliance report for a period of **April 2022 to September 2022**.

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

Thanking you,
Yours faithfully,


Managing Director

Enclosure I
Environmental Clearance

Government of Maharashtra

No. SEAC-2010/CR.357/T.C.2

Environment department

Room No. 217, 2nd floor,

Mantralaya Annexe,

Mumbai- 400 032.

Dated: 23rd December, 2011.

To,
M/s. Orient Green Power Company Ltd.
No. 9, Vanagaram Road,
Aynambakkam, Chennai - 600 095
Email: info@orientgreenpower.com

**Sub: Proposed Co-generation Power Plant by M/s. Orient Green Power Company Ltd. -
Environmental Clearance Regarding.**

Sir,

This has reference to your communication on the above mentioned subject. The proposal was considered as per the EIA Notification - 2006, by the State Level Expert Appraisal Committee, Maharashtra in its 25th Meeting and decided to recommend the project for prior environmental clearance to SEIAA. Information submitted by you has been considered by State Level Environment Impact Assessment Authority in its 28th & 39th Meetings. Authority noted MoEF clarification dated 10th August, 2010

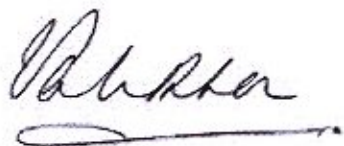
2. It is noted that the proposal is for grant of Environmental Clearance for Proposed Co-generation Power Plant by M/s. Orient Green Power Company Ltd. SEAC considered the project under screening category 1(d) of EIA Notification 2006. Project proponent submitted an undertaking that, the proposed power generation capacity of Co- Gen plant shall be 19 MW only.

Project information from submitted & considered documents is summarized as below-

Name of the Project	:	Proposed project of 20 MW co-generation plant
Project Proponent:	:	M/s. Orient Green Power Company Ltd.
Location of the project	:	Padmashri Dr. D.Y.Patil S.S.K.Ltd., Dnyanshantinagar. Village: Vesaraf-Palasanghe, Tal.:Gaganbawada, dist.: Kolhapur, Maharashtra
Capacity	:	20 MW / Hr
Total Industrial Area	:	74,970 Sq. M (7.49 Ha)
Built-up Area	:	17,249.02 Sq. M (1.72 Ha)
Type of Project:	:	Power project
Estimated cost of the project:	:	Rs. 120.17 Crores

Distribution Of Electricity Generated:

	Crushing Season	Off Season
Power for In House Use,	4.4 MW	1.9 MW



as well as Sugar Factory		
MSEDCL Power Grid	11.2 MW	18.1 MW
	15.6 MW	20.0 MW

Raw Materials:

Raw Material/ fuel	Nature	Quantity
Bagasse & Biomass	Solid	816 MT / Day (During Crushing Season) 510 MT / Day (During Off Season)

Water Requirement

Category	Water Required Quantity	
Domestic Purpose	36.00 M3 / Day	
Gardening Purpose	12.00 M3/ Day	
Industrial Purpose	Off season	Crushing Season
a) DM Plant Backwash	28.80 M3 / Day	66.96 M3 / Day
b) Washing	12.00 M3 / Day	12.00 M3 / Day
c) Boiler Feed Water	74.64 M3 / Day	188.88 M3 / Day
d) Cooling Water	2341.44 M3 / Day	776.16 M3 / Day
Total	2,456.88 M3 / Day	1,044.00 M3 / Day
Grand Total	2,504.88 M3 / Day	1,092.00 M3 / Day

Effluent Generation Details under Proposed Co-Gen

Category	Effluent Generation		Remarks
	OFF Season	Crushing Season	
I) Industrial	656.16 (M3/ Day)	324.48 (M3/ Day)	<ul style="list-style-type: none"> The industrial effluent would be treated in a separate Effluent Treatment Plant (ETP) to be provided in the co-gen plant area. Thereafter, the entire treated effluent would be Recycled Back in the Process as Boiler Feed & Cooling Tower Make Up water
II) Domestic	28.80 M3/ Day		<ul style="list-style-type: none"> The domestic effluent @ 28.80 M3/Day would be treated separately in Septic Tanks followed by soak pits located in a Decentralized Manner.
Air	SO ₂ . SPM		<ul style="list-style-type: none"> Electrostatic Precipitator (ESP) would be provided as Air Pollution Control (APC) Equipment to the boiler followed by a stack of 75 M height. A D.G. Set of 320 KVA capacity would be provided with adequate Stack Height & Acoustic Enclosure.

Palsha

Noise	The sources of noise generation would be the Boiler, Turbo- Generator System, D. G. Set.	<ul style="list-style-type: none"> The Turbine & Generator would be kept in an isolated area which would be provided with proper acoustic treatment to have the Ambient Noise Level as per CPCB standards. Moreover, people working in close vicinity of the engines in Co-gen Unit and other noise generating equipments would be provided with Personal Protective Equipment (PPE) such as ear plugs, ear muffs etc. The D. G. set would be operated only during power failure. As per the Noise Pollution (Regulation and Control) Rules, 2000 the D.G. set would be enclosed in canopy.
Solid Waste	Boiler Ash -- From Baggase -- 25.0 MT / Day OR From Biomass -- 27.60 MT / Day	<ul style="list-style-type: none"> The Boiler Ash and Fly Ash would be collected through ash handling system & same would be supplied as manure to farmers. (Dense Phase Fully Automatic & Pneumatic Closed Conveyors, Silos and Jet Water Sprinkling Ash Handling System).

Rain Water Harvesting

- Rainwater from roof top area of @ 400 M2 would be collected and stored in open / bore wells / rain water harvesting tanks.
- About @ 665 M3 of rain water would become available during every season from the 'Roof Top Harvesting' operations.
- Groundwater recharge through infiltration and percolation from the above tanks would increase the Water Table in site area.
- The Harvested Rainwater in the Tanks would be utilized for Green Belt Development.

Green Belt Development: 19,000 Sq. M., 5846 Nos. trees will be planted.

Environment Management Plan (EMP)

- The Industry would developed an Environmental Management Cell comprising of 10 Persons who are well qualified and experienced in the field.
- The Cell comprises of an Environment Officer, Safety Officer, ETP Chemist and Operators as well as Supporting Staff.
- The Capital as well as O & M Costs towards Environmental Aspects in the proposed Industrial Setup is as follows

DESCRIPTION	CAPITAL	O & M per Yr
Capital Cost of ETP comprising of R.O. Unit.	1.00 Crores	Rs. 20.00 Lakhs
Cost Towards Noise Level Management	---	Rs. 2.00 Lakhs

Patel

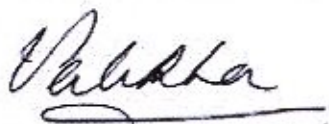
Cost towards APC Equipment comprising of ESP, Stack and Ash Handling System etc.	Rs. 3.00 Crores	Rs. 50.00 Lakhs
Cost towards Green Belt Development	Rs. 0.05 Crores	Rs. 0.75 Lakhs
Environmental Monitoring	----	Rs. 5.00 Lakhs
Occupational Health & Safety	----	Rs. 2.50 Lakhs
TOTAL	Rs. 4.05 Crores	Rs. 80.25 Lakhs

3. The proposal has been considered by SEIAA in its 39th meetings & decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions :

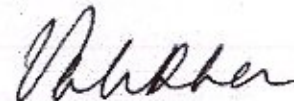
- (i) No land development / construction work preliminary or otherwise relating to the project shall be taken up without obtaining due clearance from respective authorities.
- (ii) No additional land shall be used /acquired for any activity of the project without obtaining proper permission.
- (iii) For controlling fugitive natural dust, regular sprinkling of water & wind shields at appropriate distances in vulnerable areas of the plant shall be ensured.
- (iv) Regular monitoring of the air quality, including SPM & SO₂ levels both in work zone and ambient air shall be carried out in and around the power plant and records shall be maintained. The location of monitoring stations and frequency of monitoring shall be decided in consultation with Maharashtra Pollution Control Board (MPCB) & submit report accordingly to MPCB.
- (v) Necessary arrangement shall be made to adequate safety and ventilation arrangement in furnace area.
- (vi) Proper House keeping programmes shall be implemented.
- (vii) In the event of the failure of any pollution 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 achieve.
- (viii) A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set.(If applicable)
- (ix) A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.
- (x) Arrangement shall be made that effluent and storm water does not get mixed.
- (xi) 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.
- (xii) Leq of 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.
- (xiii) 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.
- (xiv) 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.



- (xv) 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.
- (xvi) Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act.
- (xvii) The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.
- (xviii) 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.
- (xix) The company shall undertake following Waste Minimization Measures :
- Metering of quantities of active ingredients to minimize waste.
 - Reuse of by- products from the process as raw materials or as raw material substitutes in other process.
 - Maximizing Recoveries.
 - Use of automated material transfer system to minimize spillage.
 - Use of "Closed Feed" system into batch reactors.
- (xx) 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.
- (xxi) A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
- (xxii) Transportation of ash will be through closed containers and all measures should be taken to prevent spilling of the ash.
- (xxiii) Separate silos will be provided for collecting and storing bottom ash and fly ash.
- (xxiv) Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-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
- (xxv) 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 <http://envis.maharashtra.gov.in>
- (xxvi) 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 1st June & 1st December of each calendar year.
- (xxvii) 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.
- (xxviii) 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, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral 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.



- (xxix) 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.
- (xxx) The environmental statement for each financial year ending 31st 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.
- (xxxi) The environmental clearance is being issued without prejudice to the court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him.
4. The Environment department reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.
 5. **Validity of Environment Clearance:** The environmental clearance accorded shall be valid for a period of 5 years to start of power plant.
 6. In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.
 7. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.
 8. Any appeal against this environmental clearance shall lie with the National Green Tribunal - Van Vigyan Bhawan, Sec- 5, R.K. Puram, New Dehli - 110 022, if preferred, within 30 days as prescribed under Section 35 of the National Green Tribunal Act, 2010.



(Valsa R Nair Singh)
Secretary, Environment
department & MS. SEIAA

Copy to:

1. Shri. P.M.A Hakeem, IAS (Retd.), Chairman, SEIAA, 'Jugnu' Kottaram Road, Calicut- 673 006 Kerala.
2. Shri. Dr. S. Devotta, Chairman, SEAC, T2/302 Sky City, Vanagaram -Ambattur Road, Chennai - 600 095

3. Member Secretary, Maharashtra Pollution Control Board, with request to display a copy of the clearance.
4. The CCF, Regional Office, Ministry of Environment and Forest (Regional Office, Western Region, Kendriya Paryavaran Bhavan, Link Road No- 3, E-5, Ravi-Shankar Nagar, Bhopal- 462 016). (MP).
5. Regional Office, MPCB, Kolhapur.
6. Collector, Kolhapur.
7. IA- Division, Monitoring Cell, MoEF, Paryavaran Bhavan, CGO Complex, Lodhi Road, New Delhi-110003.
8. Director (TC-1), Dy. Secretary (TC-2), Scientist-1, Environment department.
9. Select file (TC-3)

SIX MONTHLY REPORT

A. Brief Summary of the Project

- 1 Name of Project : **M/s. Orient Green Power Company Ltd.** presently Known as **Padmashrees Dr. D.Y. Patil Sahakari Sakhar Karkhana Ltd.**
- 2 Clearance Letter No. & date : SEAC-2010/CR.357/T.C.2 dated 23th December 2011
- 3 Location: District & State/UT : Dist.: Kolhapur, Maharashtra State.
- 4 Address for Correspondence : Village Vesaraf - Palsambe, Tal- Gaganbawada, Dist- Kolhapur, Maharashtra 416206.
- 5 Six Monthly Compliance for : April 2022 to September 2022
Period

Industrial site is towards South-West of Kolhapur, at a distance of about 40.97 Km from city. Here, integrated complex of Sugar Factory of about 2500 TCD is Co-generation plant capacity is 19 MW is established. First crushing season for sugar factory was done in year 2004. In year, 2013-14 Cogen plant was established & commissioned in sugar premises on BOOT basis by Orient green Power Company Ltd. The ESZ of Radhanagri Sanctuary is located within 5 Km distance from our Project Site. Thus, in light of applicability of the “General Conditions” (i.e. an ESZ located within 5 Km of Project site).

B. Status of Condition Compliance:

Compliance of Conditions, which are mentioned in Environmental Clearance (EC) letter SEAC-2010/CR.357/T.C.2 dated 23rd December 2011 for period from **April 2022 to September 2022** presented as follows -

No.	Environmental Clearance Conditions	Compliance towards the Conditions Stipulated
1	Condition I No land development/construction work preliminary or otherwise relating to the project shall be taken up without obtaining due clearance from respective authorities.	Compliance towards the conditions being strictly followed. Prior permission shall be taken from respective authority regarding land development/construction work.
2	Condition II No additional land shall be used/acquired for any activity of the project without obtaining proper permission.	The condition is being followed. The total plot area is 3, 47,099 Sq. M. No any land shall be procured without prior permission. Plot layout enclosed at Annexure-I .
3	Condition III For controlling fugitive natural dust, regular sprinkling of water & windshields at appropriate distance in vulnerable areas of the plant shall be	Water sprinkling is being done as per requirement to suppress fugitive emissions from handling of bagasse, pressmud and ash during crushing season. Further, pressmud, ash is transported to disposal sites in covered

No.	Environmental Clearance Conditions	Compliance towards the Conditions Stipulated
	ensured.	vehicles.
4	<p>Condition IV Regular monitoring of the air quality, including SPM & SO₂ levels both in work zone and ambient air shall be carried out in and around the power plant and records shall be maintained. The locations of monitoring stations and frequency of monitoring shall be decided in consultation with Maharashtra Pollution Control Board (MPCB) & submit report accordingly to MPCB.</p>	<p>Routine monitoring of Ambient Air Quality is done online and routine monitoring regularly. The parameters monitored are PM₁₀, PM_{2.5}, SO₂ and NO_x. Further monitoring reports are regularly submitted to MPCB through environmental statement. Since industry was not in operation in mentioned period. Monitoring reports of last crushing season are enclosed at Annexure II.</p>
5	<p>Condition V Necessary arrangement shall be made to adequate safety and ventilation arrangement in furnace area.</p>	<p>Two boilers are installed on site of capacity 95 TPH & 20 TPH. A dedicated boiler of 95 TPH is used for co-generation, steam from the same is taken to sugar factory operations. All safety provisions are made, also boilers are certified under Factory Act through boiler inspector regularly. Required ventilation arrangement is provided in nearby premises.</p>
6	<p>Condition VI Proper Housekeeping programs shall be implemented.</p>	<p>Proper housekeeping is implemented at industrial location. Total 40 No. of workers are maintaining housekeeping which contains gardeners, peon or worker etc.</p>
7	<p>Condition VII In the event of the failure of any pollution 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.</p>	<p>In case of failure, immediately unit get out of operation and shall not be restarted until the desired efficiency has been achieved. All necessary precautions shall be taken care by the industry.</p>
8	<p>Condition VIII A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set. (If applicable)</p>	<p>ADG set of capacity 320 KVA is provided, Diesel as fuel (45 lit/Hr.), DG set is being used only during power failure. Stack of 4 M ARL provided along with silencer. All precautions have been taken for control and dispersion of pollutants.</p>
9	Condition IX	

No.	Environmental Clearance Conditions	Compliance towards the Conditions Stipulated
	A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.	Rainwater Harvesting Plan (RWH) plan is being implemented onsite. Total no of pits are three on site. Total 11, 26,534 M ³ rainwater can be stored during season from rooftop and land harvesting. Detailed plan is attached at Annexure III .
10	Condition X Arrangement shall be made that effluent and storm water does not get mixed.	Separate drains are provided for storm water collection. While effluent is taken through closed pipe to treatment sites.
11	Condition XI Periodic monitoring of ground water shall be undertaken and results analyzed to a certain any change in the quality of water. Results shall be regularly submitted to the Maharashtra Pollution Control Board.	Routine monitoring is carried out and same results keep as record on site. Reports are submitted to MPCB through Six Monthly and Consents. Monitoring reports of last crushing season are enclosed at Annexure II .
12	Condition XII Leq. of Noise Level shall be maintained as per standards. For people working in high noise area, requisite personal protective equipment like earplugs etc. shall be provided.	The overall noise levels in and around the plant area are kept well within the limit. Acoustic hoods, silencers, Dedicated PPE equipment are provided to works working in noisy area.
13	Condition XIII The overall noise level in and around the plant 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 Environmental (Protection) Act. 1986 Rules, 1989.	The overall noise levels in and around the plant area are kept well within the limit. Acoustic hoods, silencers, Dedicated PPE equipment are provided to works working in noisy area. Regular monitoring is carried out in required area.
14	Condition XIV Green Belt shall be developed and maintained around the plant periphery. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and consultation with the local DFO/Agriculture Dept.	The total plot area is 347099.65Sq.M. Existing green belt developed in premises is 26% of total plot area (90,132 Sq. M) as per the guidelines of MoEFCC. Total greenbelt are i.e. Additional 83,303.916 Sq. M. needs to be develop as per requirement. Development of greenbelt is under process. In 2019-20 3000no. opf trees are planted, in 2020-21 2000 no. of trees are planted and 2021-22 1656 no. of trees are planted. Greenbelt details are enclosed at

No.	Environmental Clearance Conditions	Compliance towards the Conditions Stipulated
		Annexure IV.
15	<p>Condition XV 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.</p>	<p>Following measures will be taken towards safety –</p> <ul style="list-style-type: none"> • The infrastructure of existing Occupational Health Centre shall be enhanced in order to provide medical facilities to all the workers as well as nearby village/town people. • An ambulance shall be is available all the time i.e. 24X7 will be used. • Regular medical check-up of newly employed workers under expansion shall also be done and record shall be maintained. • Provision of workmen compensation policy as well as med claim health policy shall be done for the workers under expansion (temporary and permanent) and shall be renewed every year. • Display of sigh boards in hazard areas in local language. • Provision of PPE to all workers.
16	<p>Condition XVI Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act.</p>	<p>Industry conducts Occupational health surveillance once in a year for all employees. Onsite records are maintained for reference. Latest Health checkup reports are enclosed at Annexure V.</p>
17	<p>Condition XVII The company shall make arrangement for protection of possible fire hazards during manufacturing process in material handling.</p>	<p>Fire extinguishers are installed at required places. Fire engine is installed in the factory. Photographs of fire extinguishers and fire layout of the site are enclosed at Annexure VI.</p>
18	<p>Condition XVIII The project authority 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).</p>	<p>Industry follows all rules and regulations with respect to handling and disposal of hazardous wastes in accordance with the Hazardous Waste. Generated Hazardous waste i.e. used oil is burnt in boiler. same is enclosed at Annexure - VII</p>

No.	Environmental Clearance Conditions	Compliance towards the Conditions Stipulated																																	
19	<p>Condition XIX The company shall undertake following Waste Minimization Measures:</p> <ul style="list-style-type: none"> • Metering of quantities of active ingredients to minimize waste. • Reuse of by-product from the process as raw materials or as raw material substitutes in other process. • Maximizing Recoveries. • Use of automated material transfer system to minimize spillage. • Use of “Closed Feed “system into batch reactors 	<p>Industry follows rules and regulations regarding Waste Minimization. In case of solid waste, ETP sludge is used as Manure/Brick Manufacture, yeast sludge and CPU sludge is burnt in incineration boiler. Used oil is burnt in incineration boiler. Closed feed system us used for batch reactor. Industries implement maximum recovery.</p>																																	
20	<p>Condition XX Regular mock drill for on-site emergency management plan shall be carried out. Implementation of changes/improvement required, if any, in the on-site management plan shall be ensured.</p>	<p>Training and mock drills are conducted for employees for safety and health aspects of workers. Medical examinations for all employees are undertake once in a year. Onsite records are maintained for reference. Refer Annexure V for health checkup reports.</p>																																	
21	<p>Condition XXI A separate environmental management cell with qualified staff be set up for implementation of the stipulated environment safeguards.</p>	<p>Members of the Environmental cell are well qualified and experienced in concerned fields. Some of the routine tests of wastewater such as pH, solids, temperature etc. will be carried out in the laboratory that is established on site. However, for additional tests of water, wastewater, soil, air etc., services of accredited laboratories as well as that of a consultant would be hired.</p> <table border="1" data-bbox="768 1339 1495 1797"> <thead> <tr> <th data-bbox="768 1339 841 1413">No.</th> <th data-bbox="849 1339 1227 1413">Designation</th> <th data-bbox="1235 1339 1495 1413">No. of Working Person(s)</th> </tr> </thead> <tbody> <tr> <td data-bbox="768 1419 841 1455">1</td> <td data-bbox="849 1419 1227 1455">Managing Director</td> <td data-bbox="1235 1419 1495 1455">1</td> </tr> <tr> <td data-bbox="768 1461 841 1497">2</td> <td data-bbox="849 1461 1227 1497">Chief Chemist</td> <td data-bbox="1235 1461 1495 1497">1</td> </tr> <tr> <td data-bbox="768 1503 841 1539">3</td> <td data-bbox="849 1503 1227 1539">Chief Engineer</td> <td data-bbox="1235 1503 1495 1539">1</td> </tr> <tr> <td data-bbox="768 1545 841 1581">4</td> <td data-bbox="849 1545 1227 1581">Environmental Consultant</td> <td data-bbox="1235 1545 1495 1581">1</td> </tr> <tr> <td data-bbox="768 1587 841 1623">5</td> <td data-bbox="849 1587 1227 1623">Civil Engineer</td> <td data-bbox="1235 1587 1495 1623">1</td> </tr> <tr> <td data-bbox="768 1629 841 1665">6</td> <td data-bbox="849 1629 1227 1665">Deputy Chemist</td> <td data-bbox="1235 1629 1495 1665">1</td> </tr> <tr> <td data-bbox="768 1671 841 1707">7</td> <td data-bbox="849 1671 1227 1707">Co-gen Plant In charge</td> <td data-bbox="1235 1671 1495 1707">1</td> </tr> <tr> <td data-bbox="768 1713 841 1749">8</td> <td data-bbox="849 1713 1227 1749">Labour Officer</td> <td data-bbox="1235 1713 1495 1749">1</td> </tr> <tr> <td data-bbox="768 1755 841 1791">9</td> <td data-bbox="849 1755 1227 1791">Environmental Officer</td> <td data-bbox="1235 1755 1495 1791">1</td> </tr> <tr> <td colspan="2" data-bbox="768 1797 1227 1833" style="text-align: right;">Total</td> <td data-bbox="1235 1797 1495 1833">9</td> </tr> </tbody> </table>	No.	Designation	No. of Working Person(s)	1	Managing Director	1	2	Chief Chemist	1	3	Chief Engineer	1	4	Environmental Consultant	1	5	Civil Engineer	1	6	Deputy Chemist	1	7	Co-gen Plant In charge	1	8	Labour Officer	1	9	Environmental Officer	1	Total		9
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9	Environmental Officer	1																																	
Total		9																																	

No.	Environmental Clearance Conditions	Compliance towards the Conditions Stipulated																																						
22	<p>Condition XXII Transportation of ash will be through closed containers and all measures should be taken to prevent spilling of the ash.</p>	<p>Ash generated in integrated premises is used as manure & supplied to brick manufacturers. Water sprinkling arrangements have been done to avoid fly ash particles from becoming air borne. While transportation, closed containers are used, all precautions are being taken to prevent spillage.</p>																																						
23	<p>Condition XXIII Separate silos will be provided for collection and storing bottom ash and fly ash.</p>	<p>Fly ash generated is stored in silo. Dust catcher along with firefighting equipment are provided for protection purpose. Also, green belt development is under progress around fly ash storage yard.</p>																																						
24	<p>Condition XXIV Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-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 purpose and year-wise expenditure should reported to the MPCB & this department.</p>	<p>Details on capital investment done towards environment protection and its annual recurring cost incurred for operating the same is presented in following table.</p> <table border="1" data-bbox="756 926 1498 1787"> <thead> <tr> <th rowspan="2">No.</th> <th rowspan="2">Description</th> <th colspan="2">Cost Component (Rs. in Lakhs)</th> </tr> <tr> <th>Capital</th> <th>Annual (O & M)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>ESP for 1 Boiler in Co-gen with Stack of 75 M.</td> <td>200</td> <td>20</td> </tr> <tr> <td>2</td> <td>Existing Sugar Factory & Cogen ETPs</td> <td>100</td> <td>10</td> </tr> <tr> <td>3</td> <td>Noise Pollution Control</td> <td>25</td> <td>5</td> </tr> <tr> <td>4</td> <td>Environmental Monitoring & Management (OCMS)</td> <td>30</td> <td>5</td> </tr> <tr> <td>5</td> <td>Occupational Health & Safety</td> <td>40</td> <td>5</td> </tr> <tr> <td>6</td> <td>Green Belt Development & Rain Water Harvesting</td> <td>25</td> <td>3</td> </tr> <tr> <td>7</td> <td>Provision towards CER in year 2017</td> <td>11</td> <td>-</td> </tr> <tr> <td colspan="2" style="text-align: right;">Total</td> <td>431</td> <td>48</td> </tr> </tbody> </table>	No.	Description	Cost Component (Rs. in Lakhs)		Capital	Annual (O & M)	1	ESP for 1 Boiler in Co-gen with Stack of 75 M.	200	20	2	Existing Sugar Factory & Cogen ETPs	100	10	3	Noise Pollution Control	25	5	4	Environmental Monitoring & Management (OCMS)	30	5	5	Occupational Health & Safety	40	5	6	Green Belt Development & Rain Water Harvesting	25	3	7	Provision towards CER in year 2017	11	-	Total		431	48
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25	<p>Condition XXV</p>																																							

No.	Environmental Clearance Conditions	Compliance towards the Conditions Stipulated
	<p>The project management shall advertise at least newspaper 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 http://envis.maharashtra.gov.in</p>	<p>The compliance under above condition has already been done and copies of the newspaper advertisement have been enclosed at Annexure - VIII that may please be referred.</p>
26	<p>Condition XXVI 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 1st June & 1st December of each calendar year.</p>	<p>Industry regularly submit six monthly compliance report. Also, the same procedure is being followed in future.</p>
27	<p>Condition XXVII A copy of the clearance letter shall be sent by proponent to the concerned Municipal corporation and the local NGO, if any, from whom suggestion/representation, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.</p>	<p>Copy of Clearance letter is submitted to the Tahsildar Gaganbawada, Panchayat Samiti, Gaganbawada. Refer Annexure IX for acknowledgement of the same.</p>
28	<p>Condition XXVIII The proponent shall upload the status of compliance of stipulate 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, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral</p>	<p>Industry will upload the status of compliance of stipulate EC conditions, including results of monitored data on industrial website. Industrial website is under process.</p>

No.	Environmental Clearance Conditions	Compliance towards the Conditions Stipulated
	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.	
29	<p>Condition XXIX</p> <p>The project proponent shall also submits six monthly reports on the status of compliance of the stipulated EC condition including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEFCC. The respective zonal Office of CPCB and the SPCB.</p>	<p>Industry regularly submit six monthly compliance report. Also, the same procedure is being followed in future.</p>
30	<p>Condition XXX</p> <p>The environmental statement for each financial year ending 31st 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.</p>	<p>The condition is being complied. Industry regularly submit Environmental Statement.same is enclosed at Annexure X.</p>
31	<p>Condition XXXI</p> <p>The environmental clearance being issued without prejudice to the court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision of the Hon'ble court will be binding on the project proponent. Hence these clearance docs not give immunity to the project proponent in the case filed against him</p>	<p>Noted. No court case is pending against industry. Undertaking of the same is enclosed at Annexure XI.</p>

Annexure I

Plot Layout

Annexure II

Monitoring Reports



DATE: NOVEMBER 30, 2021

AMBIENT AIR QUALITY MONITORING RESULTS

Report No.:	GESEC/PRO/2021-22/11/869
Client :	M/s. Padmashree Dr. D. Y. Patil S. S. K. Ltd., Kolhapur.
Site :	Dnyanshanti Nagar, Vesaraf - Palsambe, Tal: Gaganbawada, Dist.: Kolhapur.
Plant Condition :	In Operation.
Date of Sampling:	23.11.2021

RESULTS

SR. NO.	TEST DESCRIPTION	READINGS	NAAQS
01	Test Location	Near Main Gate	
02	Time of Sampling	10:00 A.M.	
03	Ambient Temperature	23.0 °C	
04	Dry Bulb Temperature	23.0°C	
05	Wet Bulb Temperature	19.0 °C	
06	Relative Humidity	68.7%	
07	Sampling Duration	60 Min	
08	Particulate Matter(PM ₁₀)	60.33 µg/cum	100 µg/cum
09	Particulate Matter(PM _{2.5})	22.10 µg/cum	60 µg/cum
10	Sulphur Dioxide (SO ₂)	18.96 µg/cum	80 µg/cum
11	Oxides of Nitrogen (NO _x)	24.81 µg/cum	80 µg/cum

Note:

- NAAQS - National Ambient Air Quality Standards, Central Pollution Control Board Notification, No. B - 29016 / 20 / 90 / PCI - I, New Delhi, the 18th November 2009

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Terms & Condition

- report is refer only to the sample tested and not applies to the bulk.
- The results shown in this test report may differ based on various factors including temperature, humidity, pressure, retention time etc.
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, GESEC.
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Recognised by Ministry of Environment, Forest & Climate Change (MoEF) Govt. of India and ISO 9001:2015, ISO 45001 : 2018 Certified Company

DATE: NOVEMBER 30, 2021

AMBIENT AIR QUALITY MONITORING RESULTS

Report No.:	GESEC/PRO/2021-22/11/870
Client :	M/s. Padmashree Dr. D. Y. Patil S. S. K. Ltd., Kolhapur.
Site :	Dnyanshanti Nagar, Vesaraf - Palsambe, Tal: Gaganbawada, Dist.: Kolhapur.
Plant Condition :	In Operation.
Date of Sampling :	23.11.2021

RESULTS

SR. NO.	TEST DESCRIPTION	READINGS	NAAQS
01	Test Location	Behind Factory	
02	Time of Sampling	10:10 A.M.	
03	Ambient Temperature	23.0 °C	
04	Dry Bulb Temperature	23.0°C	
05	Wet Bulb Temperature	19.0 °C	
06	Relative Humidity	68.7%	
07	Sampling Duration	60 Min	
08	Suspended Particulate Matter	58.86 µg/cum	100 µg/cum
09	Particulate Matter(PM _{2.5})	22.10 µg/cum	60 µg/cum
10	Sulphur Dioxide	18.56 µg/cum	80 µg/cum
11	Oxides of Nitrogen	23.77 µg/cum	80 µg/cum

Note:

- NAAQS - National Ambient Air Quality Standards, Central Pollution Control Board Notification, No. B - 29016 / 20 / 90 / PCI - I, New Delhi, the 18th November 2009.

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DATE: NOVEMBER 30, 2021

NOISE LEVEL MONITORING RESULTS

Report No.:	GESEC/PRO/2021-22/11/871
Client:	M/s. Padmashree Dr. D. Y. Patil S. S. K. Ltd., Kolhapur.
Site:	Dnyanshanti Nagar, Vesaraf - Palsambe, Tal: Gaganbawada, Dist.: Kolhapur.
Plant Condition:	In Operation.
Sampling Date:	23.11.2021

RESULTS

SR.NO.	LOCATION	READINGS dB (A)	
		Day (10:30 A.M.)	Night (10:30 P.M.)
AMBIENT NOISE			
01	Near Main Gate	64.1	59.7
02	Near Weighing Bridge	67.4	65.8
03	Near Spry Pond	68.6	65.2
04	Near Sugar Godown	61.5	59.7
05	Near Bagasses Yard	63.0	62.0
	LIMITS	75	70.0
WORKZONE NOISE			
01	Mixing section	81.8	80.6
02	Boiler Section	77.6	75.1
03	Juice Clarification Section	79.4	74.0
04	Centrifugation Section	83.5	82.1
05	Sugar House	81.2	78.7
	LIMITS	90	

Note:

- Maharashtra Pollution Control Board (MPCB) has prescribed 75 dB (A) as an upper limit of Noise Level during the Day Time & 70 dB (A) during the Night Time.
- The Factories' Act, 1948 has prescribed Noise Level threshold limit for 8 hours' exposure as 90 dB (A).

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Recognised by Ministry of Environment, Forest & Climate Change (MoEF) Govt. of India and ISO 9001:2015, ISO 45001 : 2018 Certified Company

DATE: NOVEMBER 30, 2021

NOISE LEVEL MONITORING RESULTS

Report No.:	GESEC/PRO/2021-22/11/872
Client:	M/s. Padmashree Dr. D. Y. Patil S. S. K. Ltd., Kolhapur.
Site:	Dnyanshanti Nagar, Vesaraf - Palsambe, Tal: Gaganbawada, Dist.: Kolhapur.
Plant Condition:	In Operation.
Sampling Date:	23.11.2021

RESULTS

SR.NO.	LOCATION	READINGS dB (A)	
		Day (11:30 A.M.)	Night (11:30 P.M.)
AMBIENT NOISE			
01	Near Main Gate	65.3	64.1
02	Near Bagasse Yard	69.1	67.0
03	Near STP-ETP	70.3	66.1
04	Near Reservoir Water	65.1	62.8
05	Near Co-Gen Stack	72.9	66.2
	LIMITS	75	70
WORKZONE NOISE			
01	Boiler House	78.3	75.1
02	Co-Gen Office	86.5	82.3
03	Turbine	83.2	81.6
04	WTP Plant	83.9	82.0
05	Ash Cyclone	71.5	67.5
	LIMITS	90	

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MoEF approved Lab by Govt. of India. From date. 09/02/2017 to 08/02/2022.

DATE: NOVEMBER 30, 2021

CONDENSATE WATER SAMPLE ANALYSIS REPORT

Report No.:	GESEC/PRO/2021-22/11/874
Client:	M/s. Padmashree Dr. D. Y. Patil S. S. K. Ltd., Kolhapur
Site:	Dnyanshanti Nagar, Vesaraf - Palsambe, Tal:Gaganbawada, Dist.: Kolhapur.
Plant Condition:	In Operation
Sampling Date:	23.11.2021
Analysis Date:	24.11.2021
Sample Name:	Condensate Water

RESULTS

SR. NO.	TEST DESCRIPTION	CONDENSATE	MPCB LIMITS	UNIT
01	pH	7.05	5.5 - 9.0	--
02	Suspended Solids (SS)	11.26	100	mg/lit
03	Total Dissolved Solids (TDS)	525.98	2100	mg/lit
04	Biochemical Oxygen Demand (BOD)	12.47	30	mg/lit
05	Chemical Oxygen Demand (COD)	30.69	250	mg/lit
06	Sulphates as SO ₄ ²⁻	45.96	1000	mg/lit
07	Chlorides as Cl ⁻	74.05	600	mg/lit
08	Oil & Grease	BDL	10	mg/lit

Note:

- BDL: Below Detectable Limit.

<p>ANALYZED BY-</p> <p style="text-align: center;"><i>[Signature]</i></p>	<p>AUTHORIZED SIGNATORY</p> <p style="text-align: center;"><i>[Signature]</i></p>
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- MoEF approved Lab by Govt. of India. From date. 09/02/2017 to 08/02/2022.

DATE: NOVEMBER 30, 2021

EFFLUENT SAMPLE ANALYSIS REPORT

Report No.:	GESEC/PRO/2021-22/11/873
Client:	M/s. Padmashree Dr. D. Y. Patil S. S. K. Ltd., Kolhapur.
Site:	Dnyanshanti Nagar, Vesaraf - Palsambe, Tal: Gaganbawada, Dist.: Kolhapur.
Plant Condition:	In Operation
Sampling Date:	23.11.2021
Analysis Date:	24.11.2021
Sample Name:	STP Treated

RESULTS

SR. NO.	TEST DESCRIPTION	TREATED	MPCB LIMITS	UNIT
01	pH	7.51	5.5 - 9.0	--
02	Suspended Solids (SS)	35.24	100	mg/lit
03	Total Dissolved Solids (TDS)	659.10	2100	mg/lit
04	Biochemical Oxygen Demand (BOD)	21.47	100	mg/lit
05	Chemical Oxygen Demand (COD)	54.79	250	mg/lit
06	Sulphates as SO ₄ ²⁻	145.30	1000	mg/lit
07	Chlorides as Cl ⁻	113.98	600	mg/lit
08	Oil & Grease	BDL	10	mg/lit

Note:

- BDL: Below Detectable Limit

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MoEF approved Lab by Govt. of India. From date. 09/02/2017 to 08/02/2022.

DATE: DECEMBER 23, 2021

AMBIENT AIR QUALITY MONITORING RESULTS

Report No.:	GESEC/PRO/2021-22/12/1432
Client :	M/s. Pad. Dr. D. Y. Patil S. S. K. Ltd., Kolhapur.
Site :	Dnyanshanti Nagar, Vesaraf - Palsambe, Tal: Gaganbawada, Dist.: Kolhapur.
Plant Condition :	In Operation.
Date of Sampling:	16.12.2021

RESULTS

SR. NO.	TEST DESCRIPTION	READINGS	NAAQS
01	Test Location	Near Main Gate	
02	Time of Sampling	10:10 A.M.	
03	Ambient Temperature	21.0 °C	
04	Dry Bulb Temperature	21.0°C	
05	Wet Bulb Temperature	15.0 °C	
06	Relative Humidity	52.4%	
07	Sampling Duration	60 Min	
08	Particulate Matter(PM ₁₀)	64.33 µg/cum	100 µg/cum
09	Particulate Matter(PM _{2.5})	25.78 µg/cum	60 µg/cum
10	Sulphur Dioxide (SO ₂)	22.01 µg/cum	80 µg/cum
11	Oxides of Nitrogen (NO _x)	27.80 µg/cum	80 µg/cum

Note:

- NAAQS - National Ambient Air Quality Standards, Central Pollution Control Board Notification, No. B - 29016 / 20 / 90 / PCI - I, New Delhi, the 18th November 2

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DATE: DECEMBER 23, 2021

AMBIENT AIR QUALITY MONITORING RESULTS

Report No.:	GESEC/PRO/2021-22/12/1433
Client :	M/s. Pad. Dr. D. Y. Patil S. S. K. Ltd., Kolhapur.
Site :	Dnyanshanti Nagar, Vesaraf - Palsambe, Tal: Gaganbawada, Dist.: Kolhapur.
Plant Condition :	In Operation.
Date of Sampling :	16.12.2021

RESULTS

SR. NO.	TEST DESCRIPTION	READINGS	NAAQS
01	Test Location	Near Sugar Godown	
02	Time of Sampling	10:20 A.M.	
03	Ambient Temperature	21.0 °C	
04	Dry Bulb Temperature	21.0°C	
05	Wet Bulb Temperature	15.0 °C	
06	Relative Humidity	52.4%	
07	Sampling Duration	60 Min	
08	Suspended Particulate Matter	61.83 µg/cum	100 µg/cum
09	Particulate Matter(PM _{2.5})	25.77 µg/cum	60 µg/cum
10	Sulphur Dioxide	20.91 µg/cum	80 µg/cum
11	Oxides of Nitrogen	23.04 µg/cum	80 µg/cum

Note:

- NAAQS - National Ambient Air Quality Standards, Central Pollution Control Board Notification, No. B - 29016 / 20 / 90 / PCI - I, New Delhi, the 18th November 2009.

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- MoEF approved Lab by Govt. of India. From date. 09/02/2017 to 08/02/2022.

DATE: DECEMBER 23, 2021

SOURCE EMISSION MONITORING RESULTS

Report No.:	GESEC/PRO/2021-22/12/1434
Client:	M/s. Pad. Dr. D. Y. Patil S. S. K. Ltd., Kolhapur.
Site:	Dnyanshanti Nagar, Vesaraf - Palsambe, Tal: Gaganbawada, Dist.: Kolhapur.
Date of Sampling	16.12.2021 10:40 A.M.

SR. NO.	TEST DESCRIPTION	READINGS
01	Location	Boiler Stack
02	Material of Stack	RCC
03	Stack Height from Ground Level	75 M
04	Type of Stack	Round
05	Flue Gas Temperature	170 °C (443 K)
06	Differential Pressure	3.00 mm WG
07	Velocity	6.92 M/Sec
08	Stack Diameter	3.40 M
09	Stack Area	9.0746 M ²
10	Gas Volume	152369.40 NM ³ /Hr

results FLUE GAS QUALITY

SR. NO.	PARAMETER	VALUE
01	Suspended Particulate Matter (SPM)	42.33 mg/NM ³
02	Sulphur Dioxide (SO ₂)	22.74 mg/NM ³ 83.16 Kg/Day

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Remarks & Condition

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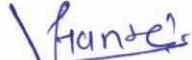
DATE: DECEMBER 23, 2021

NOISE LEVEL MONITORING RESULTS

Report No.:	GESEC/PRO/2021-22/12/1435
Client:	M/s. Pad. Dr. D. Y. Patil S. S. K. Ltd., Kolhapur.
Site:	Dnyanshanti Nagar, Vesaraf - Palsambe, Tal: Gaganbawada, Dist.: Kolhapur.
Plant Condition:	In Operation.
Sampling Date:	16.12.2021

RESULTS

SR.NO.	LOCATION	READINGS dB(A)	
		Day (10:40 A.M.)	Night (11:00 P.M.)
AMBIENT NOISE			
01	Near Main Gate	70.4	67.1
02	Near Weighing Bridge	71.1	66.5
03	Near Spry Pond	72.3	64.1
04	Near Sugar Godown	69.7	65.0
05	Near Bagasses Yard	71.9	62.9
LIMITS		75	70
WORKZONE NOISE			
01	Mixing section	86.5	83.1
02	Boiler Section	87.2	85.9
03	Juice Clarification Section	86.1	84.8
04	Centrifugation Section	86.0	82.6
05	Sugar House	85.4	82.3
LIMITS		90	

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DATE: DECEMBER 23, 2021

NOISE LEVEL MONITORING RESULTS

Report No.:	GESEC/PRO/2021-22/12/1436
Client:	M/s. Pad. Dr. D. Y. Patil S. S. K. Ltd., Kolhapur.
Site:	Dnyanshanti Nagar, Vesaraf - Palsambe, Tal: Gaganbawada, Dist.: Kolhapur.
Plant Condition:	In Operation.
Sampling Date:	16.12.2021

RESULTS

SR.NO.	LOCATION	READINGS dB(A)	
		Day (11:30 A.M.)	Night (11:50 P.M.)
01	Near Main Gate	67.2	66.1
02	Near Bagasse Yard	66.5	64.0
03	Near STP-ETP	68.1	67.2
04	Near Reservoir Water	64.3	62.8
05	Near Co-Gen Stack	70.9	66.7
	LIMITS	75	70
01	Boiler House	80.5	78.3
02	Co-Gen Office	77.4	75.4
03	Turbine	87.0	84.9
04	WTP Plant	78.0	77.1
05	Ash Cyclone	75.3	72.0
	LIMITS		90

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DATE: DECEMBER 23, 2021


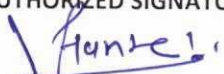
EFFLUENT SAMPLE ANALYSIS REPORT

Report No.:	GESEC/PRO/2021-22/12/1437
Client:	M/s. Pad. Dr. D. Y. Patil S. S. K. Ltd., Kolhapur.
Site:	Dnyanshanti Nagar, Vesaraf - Palsambe, Tal: Gaganbawada, Dist.: Kolhapur.
Plant Condition:	In Operation
Sampling Date:	16.12.2021
Analysis Date:	17.12.2021
Sample Name:	STP Treated

SR. NO.	TEST DESCRIPTION	TREATED	MPCB LIMITS	UNIT
01	pH	7.45	5.5 - 9.0	--
02	Suspended Solids (SS)	42.30	100	mg/lit
03	Total Dissolved Solids (TDS)	826.95	2100	mg/lit
04	Biochemical Oxygen Demand (BOD)	23.57	100	mg/lit
05	Chemical Oxygen Demand (COD)	65.92	250	mg/lit
06	Sulphates as SO ₄ ⁻	165.81	1000	mg/lit
07	Chlorides as Cl ⁻	139.04	600	mg/lit
08	Oil & Grease	BDL	10	mg/lit

Note:

- BDL: Below Detectable Limit.

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DATE: DECEMBER 23, 2021

CONDENSATE WATER SAMPLE ANALYSIS REPORT

Report No.:	GESEC/PRO/2021-22/12/1438
Client:	M/s. Pad. Dr. D. Y. Patil S. S. K. Ltd., Kolhapur
Site:	Dnyanshanti Nagar, Vesaraf - Palsambe, Tal:Gaganbawada, Dist.: Kolhapur.
Plant Condition:	In Operation
Sampling Date:	16.12.2021
Analysis Date:	17.12.2021
Sample Name:	Condensate Water

RESULTS

SR. NO.	TEST DESCRIPTION	CONDENSATE	MPCB LIMITS	UNIT
01	pH	7.00	5.5 - 9.0	--
02	Suspended Solids (SS)	11.57	100	mg/lit
03	Total Dissolved Solids (TDS)	575.92	2100	mg/lit
04	Biochemical Oxygen Demand (BOD)	14.01	30	mg/lit
05	Chemical Oxygen Demand (COD)	33.95	250	mg/lit
06	Sulphates as SO ₄ ⁻	59.03	1000	mg/lit
07	Chlorides as Cl ⁻	84.77	600	mg/lit
08	Oil & Grease	BDL	10	mg/lit

Note:

- BDL: Below Detectable Limit.

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DATE: DECEMBER 23, 2021

AMBIENT AIR QUALITY MONITORING RESULTS

Report No.:	GESEC/PRO/2021-22/12/1432
Client :	M/s. Pad. Dr. D. Y. Patil S. S. K. Ltd., Kolhapur.
Site :	Dnyanshanti Nagar, Vesaraf - Palsambe, Tal: Gaganbawada, Dist.: Kolhapur.
Plant Condition :	In Operation.
Date of Sampling:	16.12.2021

RESULTS

SR. NO.	TEST DESCRIPTION	READINGS	NAAQS
01	Test Location	Near Main Gate	
02	Time of Sampling	10:10 A.M.	
03	Ambient Temperature	21.0 °C	
04	Dry Bulb Temperature	21.0°C	
05	Wet Bulb Temperature	15.0 °C	
06	Relative Humidity	52.4%	
07	Sampling Duration	60 Min	
08	Particulate Matter(PM ₁₀)	64.33 µg/cum	100 µg/cum
09	Particulate Matter(PM _{2.5})	25.78 µg/cum	60 µg/cum
10	Sulphur Dioxide (SO ₂)	22.01 µg/cum	80 µg/cum
11	Oxides of Nitrogen (NO _x)	27.80 µg/cum	80 µg/cum

Note:

- NAAQS - National Ambient Air Quality Standards, Central Pollution Control Board Notification, No. B - 29016 / 20 / 90 / PCI - I, New Delhi, the 18th November 2

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MoEF approved Lab by Govt. of India. From date. 09/02/2017 to 08/02/2022.



DATE: DECEMBER 23, 2021

AMBIENT AIR QUALITY MONITORING RESULTS

Report No.:	GESEC/PRO/2021-22/12/1433
Client :	M/s. Pad. Dr. D. Y. Patil S. S. K. Ltd., Kolhapur.
Site :	Dnyanshanti Nagar, Vesaraf - Palsambe, Tal: Gaganbawada, Dist.: Kolhapur.
Plant Condition :	In Operation.
Date of Sampling :	16.12.2021

RESULTS

SR. NO.	TEST DESCRIPTION	READINGS	NAAQS
01	Test Location	Near Sugar Godown	
02	Time of Sampling	10:20 A.M.	
03	Ambient Temperature	21.0 °C	
04	Dry Bulb Temperature	21.0°C	
05	Wet Bulb Temperature	15.0 °C	
06	Relative Humidity	52.4%	
07	Sampling Duration	60 Min	
08	Suspended Particulate Matter	61.83 µg/cum	100 µg/cum
09	Particulate Matter(PM _{2.5})	25.77 µg/cum	60 µg/cum
10	Sulphur Dioxide	20.91 µg/cum	80 µg/cum
11	Oxides of Nitrogen	23.04 µg/cum	80 µg/cum

Note:

- NAAQS - National Ambient Air Quality Standards, Central Pollution Control Board Notification, No. B - 29016 / 20 / 90 / PCI - I, New Delhi, the 18th November 2009.

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DATE: DECEMBER 23, 2021

SOURCE EMISSION MONITORING RESULTS

Report No.:	GESEC/PRO/2021-22/12/1434
Client:	M/s. Pad. Dr. D. Y. Patil S. S. K. Ltd., Kolhapur.
Site:	Dnyanshanti Nagar, Vesaraf - Palsambe, Tal: Gaganbawada, Dist.: Kolhapur.
Date of Sampling	16.12.2021 10:40 A.M.

SR. NO.	TEST DESCRIPTION	READINGS
01	Location	Boiler Stack
02	Material of Stack	RCC
03	Stack Height from Ground Level	75 M
04	Type of Stack	Round
05	Flue Gas Temperature	170 °C (443 K)
06	Differential Pressure	3.00 mm WG
07	Velocity	6.92 M/Sec
08	Stack Diameter	3.40 M
09	Stack Area	9.0746 M ²
10	Gas Volume	152369.40 NM ³ /Hr

results FLUE GAS QUALITY

SR. NO.	PARAMETER	VALUE
01	Suspended Particulate Matter (SPM)	42.33 mg/NM ³
02	Sulphur Dioxide (SO ₂)	22.74 mg/NM ³ 83.16 Kg/Day

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DATE: DECEMBER 23, 2021

NOISE LEVEL MONITORING RESULTS

Report No.:	GESEC/PRO/2021-22/12/1435
Client:	M/s. Pad. Dr. D. Y. Patil S. S. K. Ltd., Kolhapur.
Site:	Dnyanshanti Nagar, Vesaraf - Palsambe, Tal: Gaganbawada, Dist.: Kolhapur.
Plant Condition:	In Operation.
Sampling Date:	16.12.2021

RESULTS

SR.NO.	LOCATION	READINGS dB(A)	
		Day (10:40 A.M.)	Night (11:00 P.M.)
AMBIENT NOISE			
01	Near Main Gate	70.4	67.1
02	Near Weighing Bridge	71.1	66.5
03	Near Spry Pond	72.3	64.1
04	Near Sugar Godown	69.7	65.0
05	Near Bagasses Yard	71.9	62.9
LIMITS		75	70
WORKZONE NOISE			
01	Mixing section	86.5	83.1
02	Boiler Section	87.2	85.9
03	Juice Clarification Section	86.1	84.8
04	Centrifugation Section	86.0	82.6
05	Sugar House	85.4	82.3
LIMITS		90	

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DATE: DECEMBER 23, 2021

NOISE LEVEL MONITORING RESULTS

Report No.:	GESEC/PRO/2021-22/12/1436
Client:	M/s. Pad. Dr. D. Y. Patil S. S. K. Ltd., Kolhapur.
Site:	Dnyanshanti Nagar, Vesaraf - Palsambe, Tal: Gaganbawada, Dist.: Kolhapur.
Plant Condition:	In Operation.
Sampling Date:	16.12.2021

RESULTS

SR.NO.	LOCATION	READINGS dB(A)	
		Day (11:30 A.M.)	Night (11:50 P.M.)
01	Near Main Gate	67.2	66.1
02	Near Bagasse Yard	66.5	64.0
03	Near STP-ETP	68.1	67.2
04	Near Reservoir Water	64.3	62.8
05	Near Co-Gen Stack	70.9	66.7
	LIMITS	75	70
01	Boiler House	80.5	78.3
02	Co-Gen Office	77.4	75.4
03	Turbine	87.0	84.9
04	WTP Plant	78.0	77.1
05	Ash Cyclone	75.3	72.0
	LIMITS		90

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DATE: DECEMBER 23, 2021


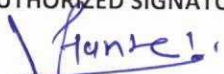
EFFLUENT SAMPLE ANALYSIS REPORT

Report No.:	GESEC/PRO/2021-22/12/1437
Client:	M/s. Pad. Dr. D. Y. Patil S. S. K. Ltd., Kolhapur.
Site:	Dnyanshanti Nagar, Vesaraf - Palsambe, Tal: Gaganbawada, Dist.: Kolhapur.
Plant Condition:	In Operation
Sampling Date:	16.12.2021
Analysis Date:	17.12.2021
Sample Name:	STP Treated

SR. NO.	TEST DESCRIPTION	TREATED	MPCB LIMITS	UNIT
01	pH	7.45	5.5 - 9.0	--
02	Suspended Solids (SS)	42.30	100	mg/lit
03	Total Dissolved Solids (TDS)	826.95	2100	mg/lit
04	Biochemical Oxygen Demand (BOD)	23.57	100	mg/lit
05	Chemical Oxygen Demand (COD)	65.92	250	mg/lit
06	Sulphates as SO ₄ ⁻	165.81	1000	mg/lit
07	Chlorides as Cl ⁻	139.04	600	mg/lit
08	Oil & Grease	BDL	10	mg/lit

Note:

- BDL: Below Detectable Limit.

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DATE: DECEMBER 23, 2021

CONDENSATE WATER SAMPLE ANALYSIS REPORT

Report No.:	GESEC/PRO/2021-22/12/1438
Client:	M/s. Pad. Dr. D. Y. Patil S. S. K. Ltd., Kolhapur
Site:	Dnyanshanti Nagar, Vesaraf - Palsambe, Tal:Gaganbawada, Dist.: Kolhapur.
Plant Condition:	In Operation
Sampling Date:	16.12.2021
Analysis Date:	17.12.2021
Sample Name:	Condensate Water

RESULTS

SR. NO.	TEST DESCRIPTION	CONDENSATE	MPCB LIMITS	UNIT
01	pH	7.00	5.5 - 9.0	--
02	Suspended Solids (SS)	11.57	100	mg/lit
03	Total Dissolved Solids (TDS)	575.92	2100	mg/lit
04	Biochemical Oxygen Demand (BOD)	14.01	30	mg/lit
05	Chemical Oxygen Demand (COD)	33.95	250	mg/lit
06	Sulphates as SO ₄ ⁻	59.03	1000	mg/lit
07	Chlorides as Cl ⁻	84.77	600	mg/lit
08	Oil & Grease	BDL	10	mg/lit

Note:

- BDL: Below Detectable Limit.

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DATE: JANUARY 19, 2022

AMBIENT AIR QUALITY MONITORING RESULTS

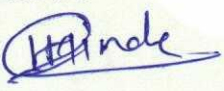
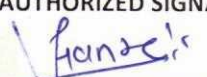
Report No.:	GESEC/PRO/2021-22/01/733
Industry :	M/s. Pad. Dr. D. Y. Patil S. S. K. Ltd., Kolhapur
Site :	Dnyanshanti Nagar, Vesaraf - Palsambe, Tal: Gaganbawada, Dist.: Kolhapur.
Plant Condition :	In Operation.
Date of Sampling:	12.01.2022

RESULTS

SR. NO.	TEST DESCRIPTION	READINGS	NAAQS
01	Test Location	Near Main Gate	
02	Time of Sampling	08:30 A.M.	
03	Ambient Temperature	21.0 °C	
04	Dry Bulb Temperature	21.0°C	
05	Wet Bulb Temperature	16.0 °C	
06	Relative Humidity	59.6%	
07	Sampling Duration	60 Min	
08	Particulate Matter(PM ₁₀)	66.13 µg/cum	100 µg/cum
09	Particulate Matter(PM _{2.5})	27.20 µg/cum	60 µg/cum
10	Sulphur Dioxide (SO ₂)	26.53 µg/cum	80 µg/cum
11	Oxides of Nitrogen (NO _x)	29.04 µg/cum	80 µg/cum

Note:

- NAAQS - National Ambient Air Quality Standards, Central Pollution Control Board Notification, No. B – 29016 / 20 / 90 / PCI – I, New Delhi, the 18th November 2009.

ANALYZED BY 	AUTHORIZED SIGNATORY 
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Recognised by Ministry of Environment, Forest & Climate Change (MoEF) Govt. of India and ISO 9001:2015, ISO 45001 : 2018 Certified Company

DATE: JANUARY 19, 2022

AMBIENT AIR QUALITY MONITORING RESULTS

Report No.:	GESEC/PRO/2021-22/01/734
Industry :	M/s. Pad. Dr. D. Y. Patil S. S. K. Ltd., Kolhapur
Site :	Dnyanshanti Nagar, Vesaraf - Palsambe, Tal: Gaganbawada, Dist.: Kolhapur.
Plant Condition :	In Operation.
Date of Sampling :	12.01.2022

RESULTS

SR. NO.	TEST DESCRIPTION	READINGS	NAAQS
01	Test Location	Near Sugar Godown	
02	Time of Sampling	08:40 A.M.	
03	Ambient Temperature	21.0 °C	
04	Dry Bulb Temperature	21.0°C	
05	Wet Bulb Temperature	16.0 °C	
06	Relative Humidity	59.6%	
07	Sampling Duration	60 Min	
08	Suspended Particulate Matter	63.33 µg/cum	100 µg/cum
09	Particulate Matter(PM _{2.5})	23.68 µg/cum	60 µg/cum
10	Sulphur Dioxide	19.45 µg/cum	80 µg/cum
11	Oxides of Nitrogen	21.07 µg/cum	80 µg/cum

Note:

- NAAQS - National Ambient Air Quality Standards, Central Pollution Control Board Notification, No. B - 29016 / 20 / 90 / PCI - I, New Delhi, the 18th November 2

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DATE: JANUARY 19, 2022

SOURCE EMISSION MONITORING RESULTS

Report No.:	GESEC/PRO/2021-22/01/735
Industry :	M/s. Pad. Dr. D. Y. Patil S. S. K. Ltd., Kolhapur
Site:	Dnyanshanti Nagar, Vesaraf - Palsambe, Tal: Gaganbawada, Dist.: Kolhapur.
Date of Sampling:	12.01.2022
Time:	09:00 A.M.

RESULTS


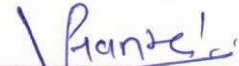
SR. NO.	TEST DESCRIPTION	READINGS
01	Location	Boiler Stack
02	Material of Stack	RCC
03	Stack Height from Ground Level	75 M
04	Type of Stack	Round
05	Flue Gas Temperature	175 °C (448 K)
06	Differential Pressure	3.50 mm WG
07	Velocity	7.52 M/Sec
08	Stack Diameter	3.40 M
09	Stack Area	9.0746 M ²
10	Gas Volume	163656.79 NM ³ /Hr

FLUE GAS QUALITY

SR. NO.	PARAMETER	VALUE
01	Suspended Particulate Matter (SPM)	45.86 mg/NM ³
02	Sulphur Dioxide (SO ₂)	25.13 mg/NM ³
		98.70 Kg/Day

Note:

- Maharashtra Pollution Control Board (MPCB) Limits SPM: 150 mg / N cum.
- Maharashtra Pollution Control Board (MPCB) Limits SO₂: As per Consent

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MoEF approved Lab by Govt. of India. From date. 09/02/2017 to 08/02/2022.

DATE: JANUARY 19, 2022

NOISE LEVEL MONITORING RESULTS

Report No.:	GESEC/PRO/2021-22/01/736
Industry :	M/s. Pad. Dr. D. Y. Patil S. S. K. Ltd., Kolhapur
Site:	Dnyanshanti Nagar, Vesaraf - Palsambe, Tal: Gaganbawada, Dist.: Kolhapur.
Plant Condition:	In Operation.
Sampling Date:	12.01.2022

RESULTS

SR. NO.	LOCATION	READINGS dB(A)	
		Day (10:15 A.M)	Night (10:30 P.M)
AMBIENT NOISE			
01	Near Main Gate	60.2	58.3
02	Near Weighing Bridge	70.2	68.5
03	Near Spry Pond	68.9	65.2
04	Near Sugar Godown	58.1	55.0
05	Near Bagasses Yard	63.8	61.1
	LIMITS	75	70
WORKZONE NOISE			
01	Mixing section	82.7	81.3
02	Boiler Section	78.5	76.2
03	Juice Clarification Section	76.3	75.0
04	Centrifugation Section	84.0	83.1
05	Sugar House	80.5	78.9
	LIMITS	90	

Note:

- Maharashtra Pollution Control Board (MPCB) has prescribed 75 dB (A) as an upper limit of Noise Level during the Day Time & 70 dB (A) during the Night Time.
- The Factories' Act, 1948 has prescribed Noise Level threshold limit for 8 hours' exposure as 90 dB (A).

ANALYZED BY 		AUTHORIZED SIGNATORY 
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DATE: JANUARY 19, 2022

NOISE LEVEL MONITORING RESULTS

Report No.:	GESEC/PRO/2021-22/01/737
Industry :	M/s. Pad. Dr. D. Y. Patil S. S. K. Ltd., Kolhapur
Site:	Dnyanshanti Nagar, Vesaraf - Palsambe, Tal: Gaganbawada, Dist.: Kolhapur.
Plant Condition:	In Operation.
Sampling Date:	12.01.2022

RESULTS

SR. NO.	LOCATION	READINGS dB(A)	
		Day (11:10 A.M)	Night (11:30 P.M)
AMBIENT NOISE			
01	Near Main Gate	60.2	58.2
02	Near Bagasse Yard	58.9	56.4
03	Near STP-ETP	67.8	65.8
04	Near Reservoir Water	62.7	60.3
05	Near Co-Gen Stack	65.3	64.8
	LIMITS	75	70
WORKZONE NOISE			
01	Boiler House	79.7	77.2
02	Co-Gen Office	60.5	58.3
03	Turbine	83.8	81.4
04	WTP Plant	72.4	69.8
05	Ash Cyclone	75.3	74.1
	LIMITS	90	

Note:

- Maharashtra Pollution Control Board (MPCB) has prescribed 75 dB (A) as an upper limit of Noise Level during the Day Time & 70 dB (A) during the Night Time.
- The Factories' Act, 1948 has prescribed Noise Level threshold limit for 8 hours' exposure as 90 dB (A).

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DATE: JANUARY 19, 2022

EFFLUENT SAMPLE ANALYSIS REPORT

Report No.:	GESEC/PRO/2021-22/01/738
Industry :	M/s. Pad. Dr. D. Y. Patil S. S. K. Ltd., Kolhapur
Site:	Dnyanshanti Nagar, Vesaraf - Palsambe, Tal: Gaganbawada, Dist.: Kolhapur.
Plant Condition:	In Operation
Sampling Date:	12.01.2022
Analysis Date:	13.01.2022
Sample Name:	STP Treated

RESULTS

SR. NO.	TEST DESCRIPTION	TREATED	MPCB LIMITS	UNIT
01	pH	7.01	5.5 - 9.0	--
02	Suspended Solids (SS)	32.63	100	mg/lit
03	Total Dissolved Solids (TDS)	642.45	2100	mg/lit
04	Biochemical Oxygen Demand (BOD)	21.90	100	mg/lit
05	Chemical Oxygen Demand (COD)	58.47	250	mg/lit
06	Sulphates as SO ₄ ²⁻	65.20	1000	mg/lit
07	Chlorides as Cl ⁻	89.62	600	mg/lit
08	Oil & Grease	BDL	10	mg/lit

Note:

- BDL: Below Detectable Limit

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MoEF approved Lab by Govt. of India. From date. 09/02/2017 to 08/02/2022.



DATE: JANUARY 19, 2022

CONDENSATE WATER SAMPLE ANALYSIS REPORT

Client:	Enviclean Associates, Kolhapur.
Report No.:	GESEC/PRO/2021-22/01/739
Industry :	M/s. Pad. Dr. D. Y. Patil S. S. K. Ltd., Kolhapur
Site:	Dnyanshanti Nagar, Vesaraf - Palsambe, Tal:Gaganbawada, Dist.: Kolhapur.
Plant Condition:	In Operation
Sampling Date:	12.01.2022
Analysis Date:	13.01.2022
Sample Name:	Condensate Water

RESULTS

SR. NO.	TEST DESCRIPTION	CONDENSATE	MPCB LIMITS	UNIT
01	pH	6.50	5.5 - 9.0	--
02	Suspended Solids (SS)	12.73	100	mg/lit
03	Total Dissolved Solids (TDS)	600.21	2100	mg/lit
04	Biochemical Oxygen Demand (BOD)	16.34	30	mg/lit
05	Chemical Oxygen Demand (COD)	35.98	250	mg/lit
06	Sulphates as SO ₄ ²⁻	65.39	1000	mg/lit
07	Chlorides as Cl ⁻	90.11	600	mg/lit
08	Oil & Grease	BDL	10	mg/lit

Note:

- BDL: Below Detectable Limit.

ANALYZED BY- 		AUTHORIZED SIGNATORY 
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Terms and conditions

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- F-502, FIFTH FLOOR, NANDANVAN TOWER, MUMBAI-PUNE HIGHWAY, PANVEL - 410206 (M.S.) MOBILE : (0) 8888871522
Website : www.equinoxenvi.com
E-mail : enquiry@equinoxenvi.com, customercare@equinoxenvi.com



DATE: FEBRUARY 16, 2021

AMBIENT AIR QUALITY MONITORING RESULTS

Report No.:	ECA/REP/2020.21/839
Client :	M/s. Padmashree Dr. D. Y. Patil S. S. K. Ltd., Kolhapur
Site :	Dnyanshanti Nagar, Vesaraf - Palsambe, Tal: Gaganbawada, Dist.: Kolhapur.
Plant Condition :	In Operation.
Date of Sampling:	09.02.2021

RESULTS

SR. NO.	TEST DESCRIPTION	READINGS	NAAQS
01	Test Location	Near Main Gate	
02	Time of Sampling	09:50 A.M.	
03	Ambient Temperature	26.0 °C	
04	Dry Bulb Temperature	26.0 °C	
05	Wet Bulb Temperature	19.0 °C	
06	Relative Humidity	51.4 %	
07	Sampling Duration	60 Min	
08	Particulate Matter(PM ₁₀)	60.86 µg/cum	100 µg/cum
09	Sulphur Dioxide (SO ₂)	16.42 µg/cum	80 µg/cum
10	Oxides of Nitrogen (NO _x)	24.78 µg/cum	80 µg/cum

Note:

- The analysis has been conducted in a MoEFCC; New Delhi approved and NABL accredited laboratory- M/s. Green EnviroSAFE Engineers & Consultant Pvt. Ltd, Pune- that has also received OHSAS 18001-2007 accreditations.
- NAAQS - National Ambient Air Quality Standards, Central Pollution Control Board Notification, No. B - 29016 / 20 / 90 / PCI - I, New Delhi, the 18th November 2009.

Dr. Sandip Mangalekar
(Dy. Head Monitoring)



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DATE: FEBRUARY 16, 2021

AMBIENT AIR QUALITY MONITORING RESULTS

Report No.:	ECA/REP/2020.21/840
Client :	M/s. Padmashree Dr. D. Y. Patil S. S. K. Ltd., Kolhapur
Site :	Dnyanshanti Nagar, Vesaraf - Palsambe, Tal: Gaganbawada, Dist.: Kolhapur.
Plant Condition :	In Operation.
Date of Sampling :	09.02.2021

RESULTS

SR. NO.	TEST DESCRIPTION	READINGS	NAAQS
01	Test Location	Near Sugar Godown	
02	Time of Sampling	10:00 A.M.	
03	Ambient Temperature	26.0 °C	
04	Dry Bulb Temperature	26.0 °C	
05	Wet Bulb Temperature	19.0 °C	
06	Relative Humidity	51.4 %	
07	Sampling Duration	60 Min	
08	Suspended Particulate Matter	56.23 µg/cum	100 µg/cum
09	Sulphur Dioxide	14.75 µg/cum	80 µg/cum
10	Oxides of Nitrogen	18.56 µg/cum	80 µg/cum

Note:

- The analysis has been conducted in a MoEFCC; New Delhi approved and NABL accredited laboratory- M/s. Green EnviroSAFE Engineers & Consultant Pvt. Ltd, Pune- that has also received OHSAS 18001-2007 accreditations.
- NAAQS - National Ambient Air Quality Standards, Central Pollution Control Board Notification, No. B - 29016 / 20 / 90 / PCI - I, New Delhi, the 18th November 2009.

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(Dy. Head Monitoring)



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DATE: FEBRUARY 16, 2021

SOURCE EMISSION MONITORING RESULTS

Report No.:	ECA/REP/2020.21/841
Client:	M/s. Padmashree Dr. D. Y. Patil S. S. K. Ltd., Kolhapur
Site:	Dnyanshanti Nagar, Vesaraf - Palsambe, Tal: Gaganbawada, Dist.: Kolhapur.
Date of Sampling:	09.02.2021
Time:	10:30 A.M.

RESULTS

SR. NO.	TEST DESCRIPTION	READINGS
01	Location	Boiler Stack
02	Material of Stack	RCC
03	Stack Height from Ground Level	75 M
04	Type of Stack	Round
05	Flue Gas Temperature	170 °C (443 K)
06	Differential Pressure	1.20 mm WG
07	Velocity	4.38 M/Sec
08	Stack Diameter	3.40 M
09	Stack Area	9.0746 M ²
10	Gas Volume	96366.87 NM ³ /Hr

FLUE GAS QUALITY

SR. NO.	PARAMETER	VALUE
01	Suspended Particulate Matter (SPM)	52.33 mg/NM ³
02	Sulphur Dioxide (SO ₂)	40.90 mg/NM ³ 94.59 Kg/Day

Note:

- The analysis has been conducted in a MoEFCC; New Delhi approved and NABL accredited laboratory- M/s. Green EnviroSAFE Engineers & Consultant Pvt. Ltd, Pune- that has also received OHSAS 18001-2007 accreditations.
- Maharashtra Pollution Control Board (MPCB) Limits SPM: 150 mg / N cum.
- Maharashtra Pollution Control Board (MPCB) Limits SO₂: As per Consent

Dr. Sandip Mangalekar
(Dy. Head Monitoring)



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DATE: FEBRUARY 16, 2021

AMBIENT NOISE LEVEL MONITORING RESULTS

Report No.:	ECA/REP/2020.21/842
Client:	M/s. Padmashree Dr. D. Y. Patil S. S. K. Ltd., Kolhapur
Site:	Dnyanshanti Nagar, Vesaraf - Palsambe, Tal: Gaganbawada, Dist.: Kolhapur.
Plant Condition:	In Operation.
Sampling Date:	09.02.2021
Time:	11:40 A.M.

RESULTS

SR. NO.	LOCATION	READINGS dB (A)	LIMITS dB (A) (Refer Note Below)
Sugar Unit			
01	Near Main Gate	67.3	75
02	Near Weighing Bridge	65.0	75
03	Near Spray Pond	73.1	75
04	Near Sugar Godown	70.8	75
05	Near Bagasse Yard	72.3	75
Co-gen Unit			
01	Near Main Gate	65.0	75
02	Near Bagasse Yard	67.1	75
03	Near STP-ETP	69.2	75
04	Near Reservoir Water	68.2	75
05	Near Co-Gen Stack	66.3	75

Note:

- The analysis has been conducted in a MoEFCC; New Delhi approved and NABL accredited laboratory- M/s. Green Envirosafe Engineers & Consultant Pvt. Ltd, Pune- that has also received OHSAS 18001-2007 accreditations.
- Maharashtra Pollution Control Board (MPCB) has prescribed 75 dB (A) as an upper limit of Noise Level during the Day Time & 70 dB (A) during the Night Time.


Dr. Sandip Mangalekar
 (Dy. Head Monitoring)



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DATE: FEBRUARY 16, 2021

WORKZONE NOISE LEVEL MONITORING RESULTS

Report No.:	ECA/REP/2020.21/843
Client :	M/s. Padmashree Dr. D. Y. Patil S. S. K. Ltd., Kolhapur
Site:	Dnyanshanti Nagar, Vesaraf - Palsambe, Tal: Gaganbawada, Dist.: Kolhapur.
Plant Condition:	In Operation.
Date of Sampling:	09.02.2021
Time:	12.50 P.M.

RESULTS

SR. NO.	LOCATION	READINGS dB(A)	LIMIT dB(A) (Refer Note Below)
Sugar Unit			
01	Mixing Section	85.3	90
02	Boiler Section	79.8	90
03	Juice Clarification Section	82.1	90
04	Centrifuge Section	84.6	90
05	Sugar House	82.7	90
Co-gen Unit			
01	Boiler House	85.3	90
02	Co-Gen Office	87.1	90
03	Turbine	86.9	90
04	WTP Plant	85.4	90
05	Ash Cyclone	83.1	90

Note:

- The analysis has been conducted in a MoEFCC; New Delhi approved and NABL accredited laboratory- M/s. Green Envirosafe Engineers & Consultant Pvt. Ltd, Pune- that has also received OHSAS 18001-2007 accreditations.
- The Factories' Act, 1948 has prescribed Noise Level threshold limit for 8 hours' exposure as 90 dB (A).

Dr. Sandip Mangalekar
(Dy. Head Monitoring)



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DATE: FEBRUARY 16, 2021

EFFLUENT SAMPLE ANALYSIS REPORT

Report No.:	ECA/REP/2020.21/844
Client:	M/s. Padmashree Dr. D. Y. Patil S. S. K. Ltd., Kolhapur
Site:	Dnyanshantinagar, Vesaraf - Palsambe, Tal.: Gaganbawada, Dist.: Kolhapur.
Plant Condition:	In Operation
Sampling Date:	09.02.2021
Analysis Date:	10.02.2021
Sample Name:	ETP Treated

RESULTS

SR. NO.	TEST DESCRIPTION	TREATED	MPCB LIMITS	UNIT
01	pH	7.45	5.5 - 9.0	--
02	Suspended Solids (SS)	67.10	100	mg/lit
03	Total Dissolved Solids (TDS)	756.92	2100	mg/lit
04	Biochemical Oxygen Demand (BOD)	61.08	100	mg/lit
05	Chemical Oxygen Demand (COD)	149.57	250	mg/lit
06	Sulphates as SO ₄ ⁻	296.61	1000	mg/lit
07	Chlorides as Cl ⁻	177.42	600	mg/lit
08	Oil & Grease	BDL	10	mg/lit

Note:

- The analysis has been conducted in a MoEFCC; New Delhi approved and NABL accredited laboratory- M/s. Green EnviroSAFE Engineers & Consultant Pvt. Ltd, Pune- that has also received OHSAS 18001-2007 accreditations.
- BDL: Below Detectable Limit.

Dr. Sandip Mangalekar
(Dy. Head Monitoring)



- ENVIRONMENTAL; CIVIL & CHEMICAL ENGINEERS, CONSULTANTS AND ANALYSTS
- F-11, NAMDEV NEST, 1160-B, 'E' WARD, SYKES EXTENSION, OPP. KAMALA COLLEGE, KOLHAPUR - 416 001 (M.S.) PH.: (0231) 2531231, TELEFAX : (0231) 2526337 MOBILE : (0) 9657865122
- F-502, FIFTH FLOOR, NANDANVAN TOWER, MUMBAI-PUNE HIGHWAY, PANVEL - 410206 (M.S.) MOBILE : (0) 8888871522
Website : www.equinoxenvi.com
E-mail : enquiry@equinoxenvi.com, customercare@equinoxenvi.com



DATE: FEBRUARY 16, 2021

SEWAGE SAMPLE ANALYSIS REPORT

Report No.:	ECA/REP/2020.21/845
Client:	M/s. Padmashree Dr. D. Y. Patil S. S. K. Ltd., Kolhapur
Site:	Dnyanshanti Nagar, Vesaraf - Palsambe, Tal: Gaganbawada, Dist.: Kolhapur.
Plant Condition:	In Operation
Sampling Date:	09.02.2021
Analysis Date:	10.02.2021
Sample Name:	STP Treated

RESULTS

SR. NO.	TEST DESCRIPTION	TREATED	MPCB LIMITS	UNIT
01	pH	7.59	5.5 - 9.0	--
02	Suspended Solids (SS)	58.32	100	mg/lit
03	Total Dissolved Solids (TDS)	596.87	2100	mg/lit
04	Biochemical Oxygen Demand (BOD)	23.47	100	mg/lit
05	Chemical Oxygen Demand (COD)	64.02	250	mg/lit
06	Sulphates as SO ₄ ²⁻	118.66	1000	mg/lit
07	Chlorides as Cl ⁻	92.40	600	mg/lit
08	Oil & Grease	BDL	10	mg/lit

Note:

- The analysis has been conducted in a MoEFCC; New Delhi approved and NABL accredited laboratory- M/s. Green EnviroSAFE Engineers & Consultant Pvt. Ltd, Pune- that has also received OHSAS 18001-2007 accreditations.
- BDL: Below Detectable Limit.

Dr. Sandip Mangalekar
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DATE: FEBRUARY 16, 2021

GROUND WATER SAMPLE ANALYSIS REPORT

Report No.:	ECA/REP/2020.21/846
Client:	M/s. Padmashree Dr. D. Y. Patil S. S. K. Ltd., Kolhapur
Site:	Dnyanshanti Nagar, Vesaraf - Palsambe, Tal: Gaganbawada, Dist.: Kolhapur.
Sampling Date:	09.02.2021
Analysis Date:	10.02.2021
Sample Name:	Ground Water Sample

RESULTS

SR. NO.	TEST DESCRIPTION	RESULTS	UNIT
01	pH	7.58	--
02	Color	Colorless	--
03	Total Dissolved Solids (TDS)	274.11	mg/lit
04	Chlorides as Cl ⁻	40.12	mg/lit
05	Sulphates as SO ₄	15.49	mg/lit
06	Total Hardness as CaCO ₃	65.80	mg/lit
07	Nitrate as NO ₃	1.50	mg/lit
08	Chemical Oxygen Demand	11.47	mg/lit
09	Biological Oxygen Demand	5.11	mg/lit
10	Potassium as K	0.10	mg/lit
11	Phosphates as PO ₄	BDL	mg/lit
12	Chlorine as Cl ₂	BDL	mg/lit

Note:

- The analysis has been conducted in a MoEFCC; New Delhi approved and NABL accredited laboratory- M/s. Green EnviroSAFE Engineers & Consultant Pvt. Ltd, Pune- that has also received OHSAS 18001-2007 accreditations.
- BDL: Below Detectable Limit.

Dr. Sandip Mangalekar
(Dy. Head Monitoring)



- ENVIRONMENTAL; CIVIL & CHEMICAL ENGINEERS, CONSULTANTS AND ANALYSTS
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Website : www.equinoxenvi.com
E-mail : enquiry@equinoxenvi.com, customercare@equinoxenvi.com



DATE: FEBRUARY 16, 2021

CPU SAMPLE ANALYSIS REPORT

Report No.:	ECA/REP/2020.21/847
Client:	M/s. Padmashree Dr. D. Y. Patil S. S. K. Ltd., Kolhapur
Site:	Dnyanshantinagar, Vesaraf - Palsambe, Tal.: Gaganbawada, Dist.: Kolhapur.
Sampling Date:	09.02.2021
Analysis Date:	10.02.2021
Sample Name:	CPU – Untreated & Treated

RESULTS

SR. NO.	TEST DESCRIPTION	UNTREATED	TREATED	MPCB LIMIT	UNIT
01	pH	3.78	7.80	5.5 - 9.0	--
02	Suspended Solids (SS)	70.35	17.63	100	mg/lit
03	Total Dissolved Solids (TDS)	3251.44	492.17	2100	mg/lit
04	Chemical Oxygen Demand (COD)	2895.63	30.34	250	mg/lit
05	Biochemical Oxygen Demand (BOD)	1062.35	11.47	100	mg/lit
06	Chlorides as Cl ⁻	592.04	198.36	600	mg/lit
07	Sulphates as SO ₄ ⁻	395.62	145.02	1000	mg/lit
08	Oil & Grease	BDL	BDL	10	mg/lit

Note:

- MPCB : Maharashtra Pollution Control Board
- BDL: Below Detectable Limit.

Dr. Sandip Mangalekar
(Dy. Head Monitoring)



DATE: FEBRUARY 18, 2022

AMBIENT AIR QUALITY MONITORING RESULTS

Report No.:	GESEC/PRO/2021-22/02/616
Industry :	M/s. Pad. Dr. D. Y. Patil S. S. K. Ltd., Kolhapur.
Site :	Dnyanshanti Nagar, Vesaraf - Palsambe, Tal: Gaganbawada, Dist.: Kolhapur.
Plant Condition :	In Operation.
Date of Sampling:	11.02.2022

RESULTS

SR. NO.	TEST DESCRIPTION	READINGS	NAAQS
01	Test Location	Near Main Gate	
02	Time of Sampling	09:00 A.M.	
03	Ambient Temperature	23.0 °C	
04	Dry Bulb Temperature	23.0°C	
05	Wet Bulb Temperature	17.0 °C	
06	Relative Humidity	54.6%	
07	Sampling Duration	60 Min	
08	Particulate Matter(PM ₁₀)	63.86 µg/cum	100 µg/cum
09	Particulate Matter(PM _{2.5})	25.41 µg/cum	60 µg/cum
10	Sulphur Dioxide (SO ₂)	23.55 µg/cum	80 µg/cum
11	Oxides of Nitrogen (NO _x)	27.69 µg/cum	80 µg/cum

Note:

- NAAQS - National Ambient Air Quality Standards, Central Pollution Control Board Notification, No. B - 29016 / 20 / 90 / PCI - I, New Delhi, the 18th November 2009

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- MoEF approved Lab by Govt. of India. From date. 09/02/2017 to 08/02/2022.

DATE: FEBRUARY 18, 2022

AMBIENT AIR QUALITY MONITORING RESULTS

Report No.:	GESEC/PRO/2021-22/02/617
Industry :	M/s. Pad. Dr. D. Y. Patil S. S. K. Ltd., Kolhapur.
Site :	Dnyanshanti Nagar, Vesaraf - Palsambe, Tal: Gaganbawada, Dist.: Kolhapur.
Plant Condition :	In Operation.
Date of Sampling :	11.02.2022

RESULTS

SR. NO.	TEST DESCRIPTION	READINGS	NAAQS
01	Test Location	Near Sugar Godown	
02	Time of Sampling	09:10 A.M.	
03	Ambient Temperature	23.0 °C	
04	Dry Bulb Temperature	23.0°C	
05	Wet Bulb Temperature	17.0 °C	
06	Relative Humidity	54.6%	
07	Sampling Duration	60 Min	
08	Suspended Particulate Matter	61.83 µg/cum	100 µg/cum
09	Particulate Matter(PM _{2.5})	22.49 µg/cum	60 µg/cum
10	Sulphur Dioxide	17.64 µg/cum	80 µg/cum
11	Oxides of Nitrogen	20.51 µg/cum	80 µg/cum

Note:

- NAAQS - National Ambient Air Quality Standards, Central Pollution Control Board Notification, No. B - 29016 / 20 / 90 / PCI - I, New Delhi, the 18th November 2009.

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MoEF approved Lab by Govt. of India. From date. 09/02/2017 to 08/02/2022.

DATE: FEBRUARY 18, 2022

SOURCE EMISSION MONITORING RESULTS

Report No.:	GESEC/PRO/2021-22/02/618
Industry :	M/s. Pad. Dr. D. Y. Patil S. S. K. Ltd., Kolhapur.
Site:	Dnyanshanti Nagar, Vesaraf - Palsambe, Tal: Gaganbawada, Dist.: Kolhapur.
Date of Sampling:	11.02.2022
Time:	09:30 A.M.

RESULTS

SR. NO.	TEST DESCRIPTION	READINGS
01	Location	Boiler Stack
02	Material of Stack	RCC
03	Stack Height from Ground Level	75 M
04	Type of Stack	Round
05	Flue Gas Temperature	130 °C (403 K)
06	Differential Pressure	3.00 mm WG
07	Velocity	6.60 M/Sec
08	Stack Diameter	3.40 M
09	Stack Area	9.0746 M ²
10	Gas Volume	159752.29 NM ³ /Hr

FLUE GAS QUALITY

SR. NO.	PARAMETER	VALUE
01	Suspended Particulate Matter (SPM)	39.23 mg/NM ³
02	Sulphur Dioxide (SO ₂)	19.02 mg/NM ³
		72.92 Kg/Day

Note:

- Maharashtra Pollution Control Board (MPCB) Limits SPM: 150 mg / N cum.
- Maharashtra Pollution Control Board (MPCB) Limits SO₂: As per Consent

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MoEF approved Lab by Govt. of India. From date. 09/02/2017 to 08/02/2022.

DATE: FEBRUARY 18, 2022

NOISE LEVEL MONITORING RESULTS

Report No.:	GESEC/PRO/2021-22/02/619
Industry :	M/s. Pad. Dr. D. Y. Patil S. S. K. Ltd., Kolhapur.
Site:	Dnyanshanti Nagar, Vesaraf - Palsambe, Tal: Gaganbawada, Dist.: Kolhapur.
Plant Condition:	In Operation.
Sampling Date:	11.02.2022

RESULTS

SR. NO.	LOCATION	READINGS dB(A)	
		Day (11:00 A.M)	Night (11:30 P.M)
AMBIENT NOISE			
01	Near Main Gate	63.4	61.5
02	Near Weighing Bridge	70.2	68.2
03	Near Spry Pond	69.1	67.9
04	Near Sugar Godown	62.3	59.0
05	Near Bagasses Yard	64.8	62.3
LIMITS		75	70
WORKZONE NOISE			
01	Mixing section	82.2	81.6
02	Boiler Section	81.4	80.9
03	Juice Clarification Section	80.7	80.5
04	Centrifugation Section	83.8	82.1
05	Sugar House	79.3	78.4
LIMITS		90	

Note:

- Maharashtra Pollution Control Board (MPCB) has prescribed 75 dB (A) as an upper limit of Noise Level during the Day Time & 70 dB (A) during the Night Time.
- The Factories' Act, 1948 has prescribed Noise Level threshold limit for 8 hours' exposure as 90 dB (A).

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MoEF approved Lab by Govt. of India. From date. 09/02/2017 to 08/02/2022.

DATE: FEBRUARY 18, 2022

NOISE LEVEL MONITORING RESULTS

Report No.:	GESEC/PRO/2021-22/02/620
Industry :	M/s. Pad. Dr. D. Y. Patil S. S. K. Ltd., Kolhapur.
Site:	Dnyanshanti Nagar, Vesaraf - Palsambe, Tal: Gaganbawada, Dist.: Kolhapur.
Plant Condition:	In Operation.
Sampling Date:	11.02.2022

RESULTS

SR. NO.	LOCATION	READINGS dB(A)	
		Day (11:40 A.M)	Night (12:20 A.M)
AMBIENT NOISE			
01	Near Main Gate	63.4	63.0
02	Near Bagasse Yard	64.8	64.1
03	Near STP-ETP	64.0	63.3
04	Near Reservoir Water	63.3	62.8
05	Near Co-Gen Stack	70.1	69.5
LIMITS		75	70
WORKZONE NOISE			
01	Boiler House	81.3	80.5
02	Co-Gen Office	65.4	63.2
03	Turbine	83.7	82.5
04	WTP Plant	79.4	78.1
05	Ash Cyclone	80.2	78.1
LIMITS		90	

Note:

- Maharashtra Pollution Control Board (MPCB) has prescribed 75 dB (A) as an upper limit of Noise Level during the Day Time & 70 dB (A) during the Night Time.
- The Factories' Act, 1948 has prescribed Noise Level threshold limit for 8 hours' exposure as 90 dB (A)

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DATE: FEBRUARY 18, 2022

EFFLUENT SAMPLE ANALYSIS REPORT

Report No.:	GESEC/PRO/2021-22/02/621
Industry :	M/s. Pad. Dr. D. Y. Patil S. S. K. Ltd., Kolhapur.
Site:	Dnyanshanti Nagar, Vesaraf - Palsambe, Tal: Gaganbawada, Dist.: Kolhapur.
Plant Condition:	In Operation
Sampling Date:	11.02.2022
Analysis Date:	12.02.2022
Sample Name:	STP Treated

RESULTS

SR. NO.	TEST DESCRIPTION	TREATED	MPCB LIMITS	UNIT
01	pH	7.52	5.5 - 9.0	--
02	Suspended Solids (SS)	23.51	100	mg/lit
03	Total Dissolved Solids (TDS)	702.64	2100	mg/lit
04	Biochemical Oxygen Demand (BOD)	18.13	100	mg/lit
05	Chemical Oxygen Demand (COD)	48.07	250	mg/lit
06	Sulphates as SO ₄ ⁻	125.63	1000	mg/lit
07	Chlorides as Cl ⁻	151.95	600	mg/lit
08	Oil & Grease	BDL	10	mg/lit

Note:

- BDL: Below Detectable Limit.

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DATE: FEBRUARY 18, 2022

CONDENSATE WATER SAMPLE ANALYSIS REPORT

Report No.:	GESEC/PRO/2021-22/02/622
Industry :	M/s. Pad. Dr. D. Y. Patil S. S. K. Ltd., Kolhapur.
Site:	Dnyanshanti Nagar, Vesaraf - Palsambe, Tal:Gaganbawada, Dist.: Kolhapur.
Plant Condition:	In Operation
Sampling Date:	11.02.2022
Analysis Date:	12.02.2022
Sample Name:	Condensate Water

RESULTS

SR. NO.	TEST DESCRIPTION	CONDENSATE	MPCB LIMITS	UNIT
01	pH	6.60	5.5 - 9.0	--
02	Suspended Solids (SS)	11.45	100	mg/lit
03	Total Dissolved Solids (TDS)	523.61	2100	mg/lit
04	Biochemical Oxygen Demand (BOD)	13.58	30	mg/lit
05	Chemical Oxygen Demand (COD)	32.61	250	mg/lit
06	Sulphates as SO ₄ ²⁻	76.40	1000	mg/lit
07	Chlorides as Cl ⁻	95.29	600	mg/lit
08	Oil & Grease	BDL	10	mg/lit

Note:

- BDL: Below Detectable Limit.

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6. MoEF approved Lab by Govt. of India. From date. 09/02/2017 to 08/02/2022

Annexure III
Rainwater Harvesting Details

RAIN WATER HARVESTING

Rain water harvesting could be of two types namely harvesting from ground and harvesting from rooftops. The quantity of harvested rainwater that becomes available during and after precipitation depends upon a number of factors such as area of land, nature of soil, impervious or paved areas, plantation on the land, average annual rainfall in the region, ambient temperatures of the region, wind direction and speed etc.

In existing Premises of factory -Spray pond (6,000 M³), Co-generation Roof Top harvesting tank (5,000 M³) & Ground & Surface water harvesting Tank (2,800 M³) are used for Rain water harvesting .After Expansion and establishment of Distillery unit additional rain water harvesting measures shall be implemented which is presented as under

A. The Rooftop Harvesting

Here collection of the rainwater getting accumulated from direct precipitation on the total roof area is taken in to account. The rainwater thus becoming available from terraces as well as roofs of various structures and units in the industrial premises would be collected through arrangements of channels and pipes to be provided as per appropriate slopes at the roof level. The collected rain water would then be taken to ground and either stored in open excavated tanks / ditches in the ground or charged directly to bore wells to be provided in the premises. For the calculation of rain water quantity that is going to become available subsequent to rooftop harvesting, a computation method from the 'Hydrology and Water Resources Engineering' has been adopted. There under, A. N. Khosala's formula has been followed. The calculations are as under-

Average annual rainfall in the area = 6197 mm.

Now, as per "A. N. Khosla's Formula", the average annual accumulation can be calculated by using the following equation:

$$R = (P - t / 2.12)$$

Where,

R=Average annual accumulation in cm, for the catchment area.

P=The corresponding average annual rainfall or precipitation, in cm, over the entire catchment. (In current case it is 6197 mm i.e. 619.7 cm)

t = Mean annual temperature in deg. Centigrade. (In current case it is 27.4⁰C.)

∴ The accumulation on the entire catchment area will be,

$$\begin{aligned} R &= (619.7 - 27.4/2.12) *0.8 \\ &= 485.4 \text{ say } 485.\text{Cm.} \end{aligned}$$

∴ Volume acquired by this accumulation water will be,

$$\begin{aligned} &= 485 \text{ Cm} \times \text{Roof Top Area} \\ &= 4.85 \text{ M} \times 5,854.4 \text{ M}^2 \\ &= \mathbf{28,393.84 \text{ M}^3} \end{aligned}$$

Thus, about **28,393.84 M³** of rainwater could become available during every season from the 'Roof Top Harvesting' operations.

B. Surface Harvesting

Under this type of harvesting, the rainwater getting accumulated through surface runoff, from land area in the industrial premises, would be collected and stored in open excavated tanks / pits to be provided in the industrial plot. This harvested rainwater would recharge the ground

water through actions namely seepage and infiltration to the aquifers. On the open land in the premises counter building, terracing and dressing would be done so as to divert the rainwater as per natural slopes to various tranches excavated on the plot in a decentralized manner. The entire industrial premises would be divided in zones and the harvested water from such zone would be directed to the nearest available ditch / tank constructed as mentioned above. Further, the recharge points would be located as per geometry of zones.

$$\begin{aligned} &(\text{Total Plot Area}) - (\text{Built-up Area}) = \text{Open Land Area} \\ &3,47,099.65 \text{ Sq.M.} - 51,900.65 \text{ Sq.M.} = 2,95,199 \text{ Sq.M.} \end{aligned}$$

Now,

- Average annual rainfall in the Kolhapur area – 6197 mm
- Open land area in the industrial premises – 2,95,199 Sq.M.
- Type and nature of the area with about 30% area being impervious (paved). Here, areas under curing roads, bagasse storage and ash storage come in the category of paved surfaces.
- Value of Runoff Co-efficient based on type and nature of area as well as the land is 0.60
- Runoff getting accumulated from the land area under Point No. b above-
 $2,95,199 \text{ Sq.M.} \times 6.20 \text{ M} \times 0.6 = \mathbf{1,09,8140 \text{ M}^3}$

Hence, the total water becoming available after rooftop and land harvesting would be
 $28,393.84 + 1,09,8140 = \mathbf{11,26,534 \text{ M}^3}$

Out of this total accumulation (11,26,534 M³), About 70 % (7,88,571 M³) of the quantity flows towards East & North East direction as per topography of the area to join Kumbhi river and Remaining 30 % (3,37,959 M³) quantity flows towards West & North West direction to join Roopani stream. With consideration of above two Rain Water Harvesting tank of 50 x 50 x 4M (3+1FB) and 20 x 20 x 4M (3+1FB) will be provided. Following figure may be referred for the RWH plan.

Rain Water harvesting, Control & Planning



Annexure IV

Greenbelt Details

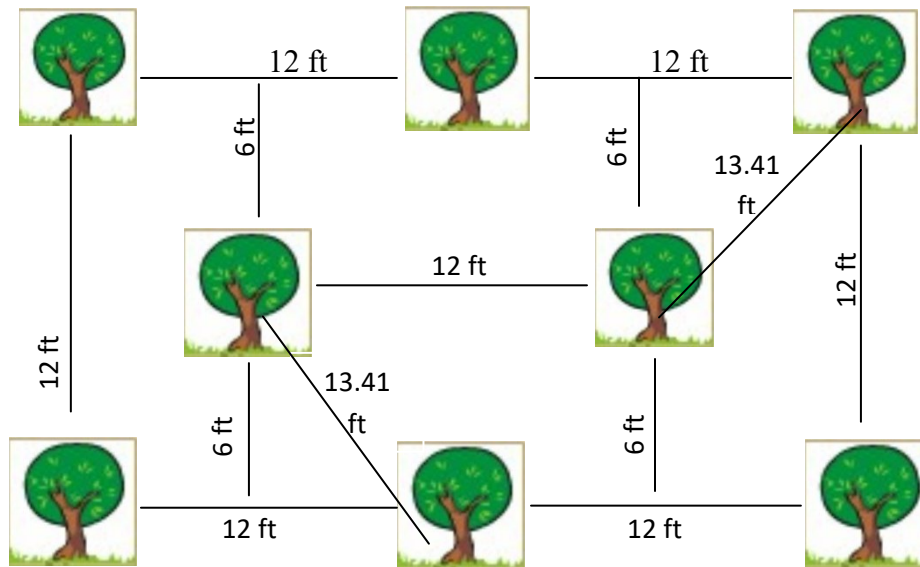
Proposed Tree Plantation

A comprehensive ‘Green Belt Development Program’ would be implemented in a phase wise manner under the proposed project.

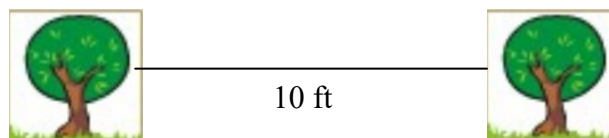
Features of proposed green belt development program -

- Trees would be planted in the proposed project’s premises along roads and open plot as well as along the fence.
- A thick barrier of trees would be created along the entire periphery of the plot.
- Indigenous, fast growing, evergreen and semi evergreen tree species would be planted.
- As per the recommendations by Central Pollution Control Board (CPCB) and Ministry of Environment & Forests (MoEFCC) and the ToR given to the project, the green belt development plan has been designed.

For mass plantation, trees with 50 to 70 Sq. Ft. canopies with distance of 12 feet between two trees and 6 feet between two adjacent rows would be planted.



Moreover, plantation along the internal roads would be done in single row on either side of the road. Here the distance between adjacent trees is considered as 10 ft with 6 feet width and area covered by a single tree is taken as 60 Sq. Ft.



Based on the above facts and figures, the green belt development plan has been designed and presented in following Table No.1.

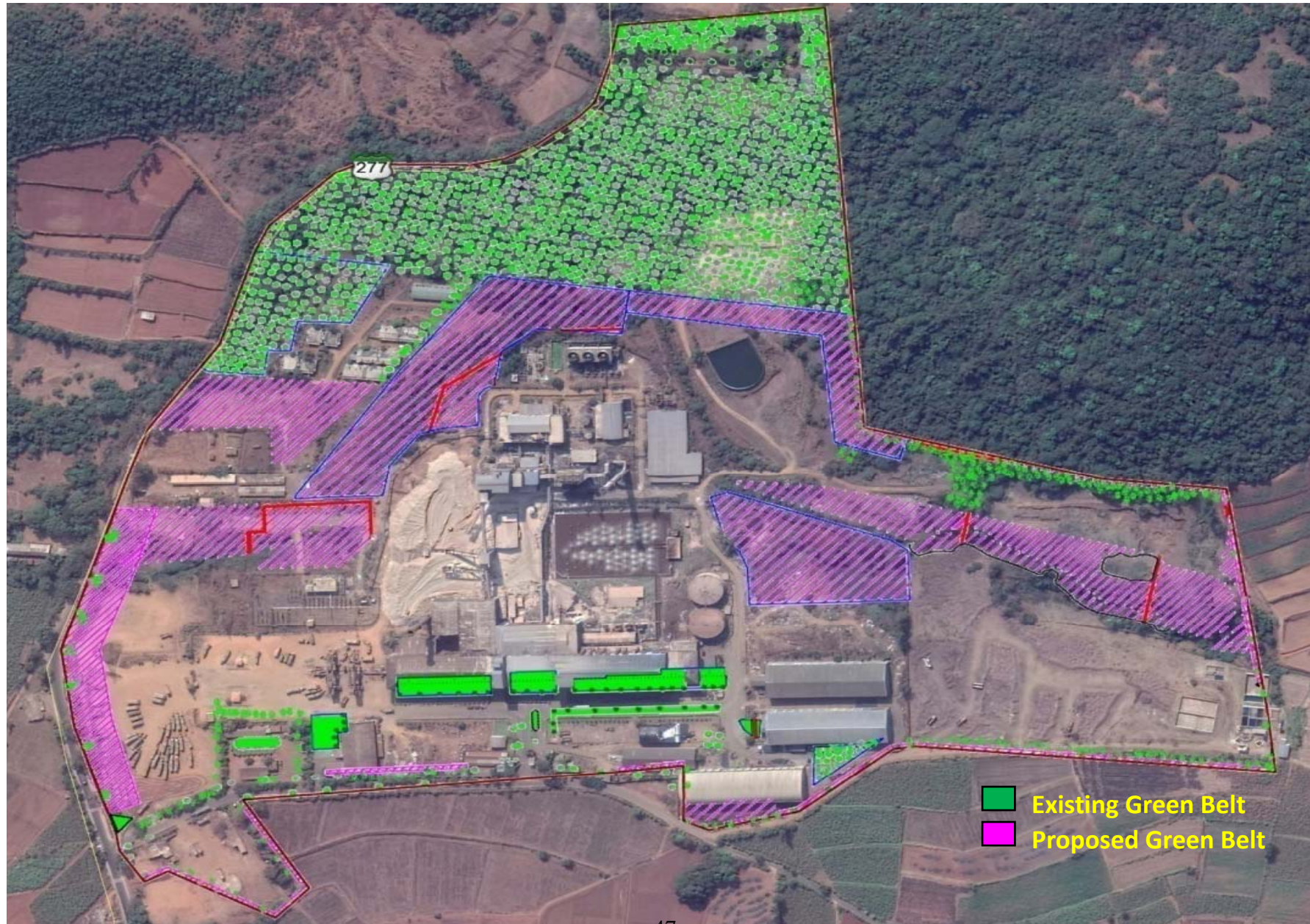
Table No. 1 Area under Plantation

Sr. No	Location Description	Area in Sq. Ft.	Type of Trees/ Plant	Characteristics	No. of Trees
1	Total Plot area – 3736149.50 Sq. Ft. 2) 50% green belt area - 1866848.66 Sq. Ft. Total number of trees to be planted – 26,010 Nos.				
2	Periphery of the plot				
	The running length available along the compound wall towards the North side is 3193 ft, East side is 2105 ft, South side is 1260 ft and West side is 2689 ft, Total running length along the compound wall towards East, North and West is 9,247 ft. Here, trees would be planted in the ‘Set Back Margin’ of 6 ft width. A distance of about 10 ft c/c would be kept in adjacent trees in a single row. Therefore, Area of the strip in Set Back Region where Green Belt would be provided is- 9,247 ft X 6 ft = 55,482 Sq. Ft. Now, Number of Trees with 10 Ft c/c distance between adjacent plants- $\frac{9,247}{10} = 925 \text{ Nos.}$	55,482 Sq. Ft.		Habit- Evergreen, Semi-Evergreen Canopy -Round Height- 10-15 M	925 Nos.
3	Mass Plantation				
	Area for plantation = 1,811,366.66 Sq. Ft. The Center to center distance between two trees is 12 Ft. and area per tree is 72 Sq. Ft. Therefore the No. of trees to be planted in this area is $\frac{1,811,366.66}{72} = 25,158 \text{ Nos.}$	1,811,366.66 Sq. Ft.		Habitat- Evergreen, Semi-Evergreen Canopy- Round, Height- 10-15 M	25,158 Nos.
	Total	1866848.66 Sq. Ft.			26,083 Nos.

Table No. 2 No. of trees to be planted

No.	Scientific Name	Common Name	No. of trees
1.	<i>Mimusops elengi</i>	Bakul	1200
2.	<i>Pongamia pinnata</i>	Karanj	1200
3.	<i>Azadirachta indica</i>	Neem	1000
4.	<i>Tectona grandis</i>	Saag	1500
5.	<i>Ficus racemosa</i>	Umbar	2000
6.	<i>Cassia fistula</i>	Bahava	1000
7.	<i>Butea monosperma</i>	Palas	1000
8.	<i>Gmelina arborea</i>	Shivan	1500
9.	<i>Pithecellobium dulce</i>	Wilayati Chinch	1500
10.	<i>Alstonia scholaris</i>	Saptaparni	1500
11.	<i>Swietenia mahogani</i>	Mahogani	1200
12.	<i>Aegle marmelos</i>	Bel	1200
13.	<i>Holigarna grahamii</i>	Ran Bibba	2000
14.	<i>Ficus macrocarpa</i>	Nandruk	2000
15.	<i>Terminalia cuneata</i>	Arjun	2000
16.	<i>Terminalia elliptica</i>	Ain	1500
17.	<i>Hulsea nana</i>	Nana	1000
18.	<i>Terminalia paniculata</i>	Kinjal	1000
19.	<i>Senegalia catechu</i>	Khair	1200
Total			26,500

Green Belt Development Program



Photographs of Existing Green Belt- Near Parking Area



Photographs of Existing green Belt- Internal Plantation



Photographs of New Plantation 2021-2022



अ.न.	वनरोपावे मराठी नाव	इंग्रजी नाव	संख्या
१	स्पॅथोडीया	Spathodiya	१००
२	रेन ट्री	Rain tree	५०
३	जांबूळ	Java Plum	११०
४	चेंडूफळ	African locust tree	१५०
५	पादल	Padal	१००
६	बाहुवा	Indian Labernum	५०
७	करज	Karanj	१००
८	प्लॅटोफोरम	Plantoforam	१५०
९	काचन	Kanchan	१००
१०	वड	Banyan	७५
११	कदंबा	Kadamba	१००
१२	पावर	Payar	१२५
१३	पेरा	Guava	९०
१४	सिल्वर ओक	Silver oak	२१०
१५	आगळा	Goospberry	६०
१६	अर्जुन	Arjun	१००
१७	स्टॅंबरीया रोझीया	Roziya	१४०
१८	टम्बूजी	Black Ebony	८३
१९	मोहोवणी	Mohogany	२००
२०	कोकम	Kokum	२५
२१	बेहडा	Bhehda	१००
२२	शिसम	Sheesham	१००
२३	फणस	Jack Fruit	५०
२४	भोकर	Bhokar	२००
२५	महारुख	Maharukh	१००
२६	कैलासपती	Kailashpati	१०
२७	उबेर	Cluster Fig	७०
२८	शमी	Shami/ Khejri tree	१००
२९	भद्राक्ष	Bhadraksha	१००
३०	रिठा	Ritha	१०
३१	तमिच	Tamarind	२५
३२	बिखरा	Bixa	१०
३३	अग्नीमथ	Agnimanth	५
३४	बेल	Bael	५
३५	कलंब	Kalamb	१०
३६	वुडअपल	Wood Apple	३५
३७	कुंकुम	Kumkum	२५
	एकूण		३०००



Samsung Triple Camera
Shot with my Galaxy A70s

उस विकास अधिकारी

पद्मश्री डॉ. डि. वाय. पाटील सहकारी साखर कारखाना लि. ज्ञानशांतीनगर

वनरोपे लागवड हंगाम २०२०-२१

दि. १४/०७/२०२०

अ.न.	वनरोपाचे मराठी नाव	इंग्रजी नाव	संख्या
१	सिल्वर ओक	Silver oak	५००
२	बेहडा	Bhehda	२००
३	कांचन	Kanchan	३३
४	रेन ट्री	Rain tree	२५
५	कवठ	Wood Apple	५०
६	जाम्बूल	Java Plum	५०
७	हिरडा	herada	२५
८	वड	Banyan	५
९	आवळा	Goosberry	२५
१०	रीटा	Ritha	२०
११	स्पॅथोडीया	Spathodiya	२७
१२	करंज	Karanj	५०
१३	प्लॅंटोफोरम	Plantoforam	१००
१४	चेदूफळ	African locust tree	१००
१५	पिंपळ	pearl tree	५०
१६	पायर	Payri	१००
१७	सिंदी	Sindhi	५०
१८	पादरी सावर		१००
१९	कळंब	Kalamb	४०
२०	महारुख	Maharukh	५०
२१	मोहा		१००
२२	अर्जुन	Arjun	५०
२३	बकूळ	Bakul	१०
२४	बिक्ता	Bixa	१००
२५	पादळ	Padal	५०
२६	बेल	Bael	१०
	एकुण		२०००



रुस विकास अधिकारी

Samsung Triple Camera
Shot with my Galaxy A70s


पद्मश्री डॉ. डी. वाय. पाटील सह. साखर कारखाना लि. ज्ञानशांतीनगर,

ता गगनबावडा, जि कोल्हापूर

वनरोपे लागवड हंगाम सन २०२२-२३

दि ३०/११/२०२२

अ.न.	वनरोपाचे मराठी नाव	इंग्रजी नाव	संख्या
१	कैलासपती	Kaillaspati	२५
२	आंबा	Mango	३५
३	स्पॅथोडीया	Spathodiya	१००
४	कदंबा	Kadamba	१६५
५	सप्तपर्णी	Saptaparni	१२०
६	करंज	karanj	७५
७	तमान	Taman	१५०
८	महोगणी	Mohogany	१००
९	कांचन	Kanchan	१००
१०	प्लॅंटोफोरम	Plantoforam	३०
११	चिकू	Sappota	५
१२	पेरू	Guava	१५
१३	बाहवा	Indian Laberrnum	८०
	एकूण		१०००


ऊस विकास अधिकारी

पद्मश्री डॉ. डी. वाय. पाटील सह. साखर कारखाना लि, ज्ञानशांतीनगर वेसरफ-पळसंबे ता. गगनबावडा

वनरोपे जागवड हंगाम २०१९-२०

दि. ०९/०७/२०१९

अ.न.	वनरोपाचे मराठी नाव	इंग्रजी नाव	संख्या
१	स्पॅथोडीया	Spathodiya	१००
२	रेन ट्री	Rain tree	५०
३	जांभूळ	Java Plum	११०
४	चेंडूफळ	African locust tree	१५०
५	पाडळ	Padal	१००
६	बाहवा	Indian Labernum	५०
७	करंज	Karanj	१००
८	प्लॅटोफोरम	Plantoforam	१५०
९	कांचन	Kanchan	१००
१०	वड	Banyan	७५
११	कदंबा	Kadamba	१००
१२	पायर	Payar	१२५
१३	पेरू	Guava	१०
१४	सिल्वर ओक	Silver oak	२१७
१५	आवळा	Goospberry	६०
१६	अर्जून	Arjun	१००
१७	स्टॅबेबीया रोझीया	Roziya	१४०
१८	टॅम्बूर्णी	Black Ebony	८३
१९	मोहगणी	Mohogany	२००
२०	कोकम	Kokum	२५
२१	बेहडा	Bhehda	१००
२२	सिसम	Sheesham	१००
२३	फणस	Jack Fruit	५०
२४	भोकर	Bhokar	२००
२५	महारूख	Maharukh	१००
२६	कैलासपती	Kailashpati	१०
२७	उंबर	Cluster Fig	७०
२८	शमी	Shami/ Khejri tree	१००
२९	भद्राक्ष	Bhadraksha	१००
३०	रिठा	Ritha	१०
३१	चिंच	Tamarind	२५
३२	बिक्सा	Bixa	१०
३३	अग्नीमंथ	Agnimanth	५
३४	बेल	Bael	५
३५	कळंब	Kalamb	१०
३६	कवठ	Wood Apple	३५
३७	कुंकूफळ	Kumkum	२५
	एकूण		३०००

पद्मश्री डॉ. डि. वाय. पाटील सहकारी साखर कारखाना लि. ज्ञानशांतीनगर

वनरोपे लागवड हंगाम २०२०-२१

दि. १४/०७/२०२०

अ.न.	वनरोपाचे मराठी नाव	इंग्रजी नाव	संख्या
१	सिल्वर ओक	Silver oak	५००
२	बेहडा	Bhehda	२००
३	कांचन	Kanchan	३३
४	रेन ट्री	Rain tree	२५
५	कवठ	Wood Apple	५०
६	जांबूळ	Java Plum	५०
७	हिरडा	herada	२५
८	वड	Banyan	५
९	आवळा	Goospberry	२५
१०	रीटा	Ritha	२०
११	स्पॅथोडीया	Spathodiya	२७
१२	करंज	Karanj	५०
१३	प्लॅटोफोरम	Plantoforam	१००
१४	चेंडूफळ	African loctus tree	१००
१५	पिंपळ	peepal tree	५०
१६	पायर	Payri	१००
१७	सिंदी	Sindhi	५०
१८	पांढरी सावर		१००
१९	कळंब	Kaiamb	४०
२०	महारुख	Maharukh	५०
२१	मोहा		१००
२२	अर्जुन	Arjun	५०
२३	बकूळ	Bakul	९०
२४	बिक्सा	Bixa	१००
२५	पाडळ	Padal	५०
२६	बेल	Bael	१०
	एकुण		२०००

रुस विकास अधिकारी

पद्मश्री डॉ. डि. वाय. पाटील सहकारी साखर कारखाना लि. ज्ञानशांतीनगर

वनरोपे लागवड हंगाम २०२०-२१

दि. १४/०७/२०२०

अ.न.	वनरोपाचे मराठी नाव	इंग्रजी नाव	संख्या
१	सिल्वर ओक	Silver oak	५००
२	बेहडा	Bhehda	२००
३	कांचन	Kanchan	३३
४	रेन ट्री	Rain tree	२५
५	कवठ	Wood Apple	५०
६	जांबूळ	Java Plum	५०
७	हिरडा	herada	२५
८	वड	Banyan	५
९	आवळा	Goospberry	२५
१०	रीटा	Ritha	२०
११	स्पॅथोडीया	Spathodiya	२७
१२	करंज	Karanj	५०
१३	प्लॅटोफोरम	Plantoforam	१००
१४	चेंडूफळ	African loctus tree	१००
१५	पिंपळ	peepal tree	५०
१६	पायर	Payri	१००
१७	सिंदी	Sindhi	५०
१८	पांढरी सावर		१००
१९	कळंब	Kaiamb	४०
२०	महारुख	Maharukh	५०
२१	मोहा		१००
२२	अर्जुन	Arjun	५०
२३	बकूळ	Bakul	९०
२४	बिक्सा	Bixa	१००
२५	पाडळ	Padal	५०
२६	बेल	Bael	१०
	एकुण		२०००


रुस विकास अधिकारी

पद्मश्री डॉ. डि. वाय. पाटील सहकारी साखर कारखाना लि. ज्ञानशांतीनगर

वनरोपे लागवड हंगाम २०२१-२२

दि.२४/०६/२०२१

अ.न.	वनरोपाचे मराठी नाव	इंग्रजी नाव	संख्या
१	आंबा	Mango	३३
२	पेरू	Guava	१३
३	चिकू	Sappota	१०
४	स्पॅथोडीया	Spathodiya	१००
५	टॅबोबिया	Tabubia	६२
६	कदंबा	Kadamba	२३०
७	सिल्वर ओक	Silver oak	७०
८	प्लॅटोफोरम	Plantoforam	३०
९	सप्तपर्णी	Saptaparni	१५०
१०	करंज	Karanj	५०
११	बदाम	Badam	१००
१२	बाहवा	Indian Labernum	१००
१३	तमान	Taman	२२०
१४	चिंच	Tamarind	५०
१५	मोहगणी	Mohogany	१५०
१६	कांचन	Kanchan	१५०
१७	कैलासपती	Kailashpati	३५
१८	प्लॅटोफोरम	Plantoforam	१०३
	एकुण		१६५६


ऊस विकास अधिकारी

पद्मश्री डॉ. डि. वाय. पाटील सहकारी साखर कारखाना लि. ज्ञानशांतीनगर

वनरोपे लागवड हंगाम २०२१-२२

दि. २४/०६/२०२१

अ.न.	वनरोपाचे मराठी नाव	इंग्रजी नाव	संख्या
१	आंबा	Mango	३३
२	पेरू	Guava	१३
३	चिकू	Sappota	१०
४	स्पॅथोडीया	Spathodiya	१००
५	टॅबोबिया	Tabubia	६२
६	कदंबा	Kadamba	२३०
७	सिल्वर ओक	Silver oak	७०
८	प्लॅटोफोरम	Plantoforam	३०
९	सप्तपर्णी	Saptaparni	१५०
१०	करज	Karanj	५०
११	बदाम	Badam	१००
१२	ब्राहवा	Indian Labernum	१००
१३	तमान	Taman	२२०
१४	चिच	Tamarind	५०
१५	मोहगणी	Mohogany	१५०
१६	कांचन	Kanchan	१५०
१७	कैलासपती	Kailashpati	३५
१८	प्लॅटोफोरम	Plantoforam	१०३
	एकुण		१६५६



Samsung Triple Camera
Shot with my Galaxy A70s

कृषा विकास अधिकारी

Annexure V
Health Check-up Reports

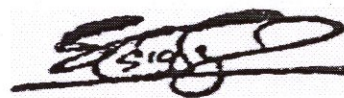
HEALTH REGISTER

NAME OF COMPANY :- PADMASHRI DR.D.Y. PATIL S.S.K.LTD.

ADDRESS :- Dyanshantinagar, Tal. Ganganbawada, Dist. Kolhapur.

CONTACT NUMBER:- /

VALID FROM :- 24/09/2022 TO 23/09/2023



DR. ARVIND MANE
MBBS DPH AFIH. (Mumbai)

GOVT. OF INDIA-DGFASLI REGD. NO.-02388
Consultant Industrial Health Physician.

Employee Name : MR. R S BHALEKAR
Company Name : PADMASHRI DR.D.Y. PATIL S.S.K.LTD.

Age / Sex : 44 Yrs. / M
CheckUp Date : 24/09/2022

Department : -
Employee No : 0593
Sr. No. : 1

Weight (Kg) : 64
Height (Cms) : 172
BMI : 21.63

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) : 72

BP(mmHg) : 120 / 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/6	LE/6
Distant	6/6	6/6	6/6	6/6

Color Vision : RED AND GREEN DEFICIENCY

Refractory Error : ABSENT

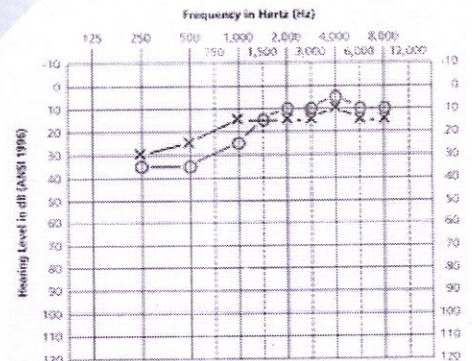
Test Frequency

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

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

Audiogram Reports Right Ear : NORMAL Left Ear : NORMAL

AUDIOMETRY

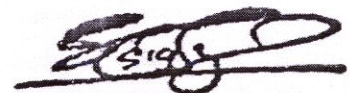


ECG NA

X-Ray NA

Vaccination NA

Pathology Lab Investigation Results :
ALL REPORTS ARE ATTACHED WITHIN NORMAL LIMITS.

DR.ARVIND MANE
MBBS DPH AFIH.(Mumbai)

PT. NAME :- MR. R S BHALEKAR
 REF. BY :- PADMASHRI DR.D.Y. PATIL S.S.K.LTD.
 SR. NO. :- 1

AGE/SEX :- 44 Yrs. / M
 DATE :- 24/09/2022
 LAB NO. :- 1
 EMP NO. :- 593

HAEMOGRAM

Test	Result	Units	Normal Range	Histogram
Haemoglobin	- 13.4	gms%	Male : 13.5 - 18, Female : 11.5 - 16.5 Infant : 18 - 20 Child : 9.5 - 14	RBC
RBC Count	- 4.89	millions / uL	4.5 - 6.5	
PCV	- 42.3	%	40 - 54	
MCV	- 87.2	fL	80 - 99	
MCH	- 27.4	Pg	27 - 33	
MCHC	- 31.4	g/dl	32 - 37	
RDW	- 12.7	%	11.0 - 14.5	
WBC Count	- 6800	cells/cumm	4,000 - 11,000	
Neutrophils	- 71	%	40 - 75	
Lymphocytes	- 24	%	20 - 45	
Eosinophils	- 03	%	1 - 6	
Monocytes	- 02	%	2 - 10	
Basophils	- 00	%	0 - 1	
Platelet Count	- 236000	/cumm	1,50,000 - 4,50,000	PLT
PCT	- 0.117	%	0.08 - 1.0	
MPV	- 9.3	fL	7.4 - 10.4	
PDW	- 12.0	%	10 - 15	
E.S.R.	- 12	At the end of 1 Hr.	0 - 14	
WBC MORPHOLOGY	- WITHIN NORMAL LIMIT			
Platelets	- ADEQUATE ON SMEAR			

* BLOOD GROUP - O Rh POSITIVE
 * RANDOM BLOOD SUGAR - 95.0 mg/dl 80 - 120
 * RANDOM URINE SUGAR - ABSENT
 * URINE FOR ALBUMIN - ABSENT

----- END OF REPORT -----



Dr. Shubhangi Patil

DR.SHUBHANGI PATIL

MD.Pathology Consultant Pathologist
 Mane Care Diagnostics.

Employee Name : MR. VISHWAS A PANARI
Company Name : PADMASHRI DR.D.Y. PATIL S.S.K.LTD.

Age / Sex : 42 Yrs. / M
CheckUp Date : 24/09/2022

Department : -
Employee No : 0493
Sr. No. : 2

Weight (Kg) : 81
Height (Cms) : 179
BMI : 25.28

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: K/C/O HTN

Past History : NAD

Family History : NAD

Personal Habits : NAD

General Examination

Pulse (/min) : 78 BP (mmHg) : 130 / 90 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	
	RE/12	LE/12	RE/6	LE/6
Near				
Distant	6/6	6/6	6/6	6/6

Color Vision : NORMAL

Refractory Error : ABSENT

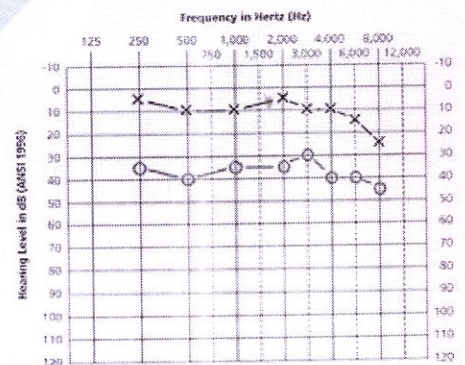
Test Frequency

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

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

Audiogram Reports Right Ear : NORMAL Left Ear : NORMAL

AUDIOMETRY

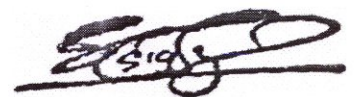


ECG NA

X-Ray NA

Vaccination NA

Pathology Lab Investigation Results :
ALL REPORTS ARE ATTACHED WITHIN NORMAL LIMITS.

DR. ARVIND MANE
MBBS DPH AFIH.(Mumbai)

PT. NAME :- MR. VISHWAS A PANARI
REF. BY :- PADMASHRI DR.D.Y. PATIL S.S.K.LTD.

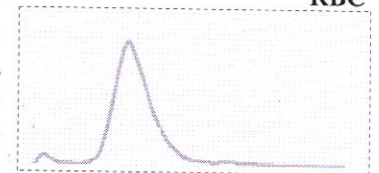
AGE/SEX :- 42 Yrs. / M
DATE :- 24/09/2022
LAB NO. :- 2
EMP NO. :- 493

SR. NO. :- 2

HAEMOGRAM

Test	Result	Units	Normal Range	Histogram
Haemoglobin	- 12.8	gms%	Male : 13.5 - 18, Female : 11.5 - 16.5 Infant : 18 - 20 Child : 9.5 - 14	
RBC Count	- 4.89	millions / uL	4.5 - 6.5	RBC
PCV	- 42.0	%	40 - 54	
MCV	- 80.6	fL	80 - 99	
MCH	- 26.2	Pg	27 - 33	
MCHC	- 32.5	g/dl	32 - 37	
RDW	- 12.9	%	11.0 - 14.5	

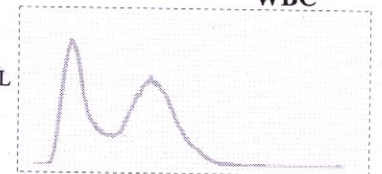
NO/FL



167

WBC Count	- 6500	cells/cumm	4,000 - 11,000	
Neutrophils	- 68	%	40 - 75	
Lymphocytes	- 25	%	20 - 45	
Eosinophils	- 04	%	1 - 6	
Monocytes	- 03	%	2 - 10	
Basophils	- 00	%	0 - 1	

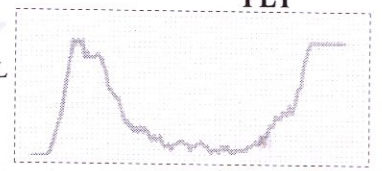
NO/FL



267

Platelet Count	- 296000	/cumm	1,50,000 - 4,50,000	
PCT	- 0.151	%	0.08 - 1.0	
MPV	- 9.1	fL	7.4 - 10.4	
PDW	- 12.0	%	10 - 15	

NO/FL



40

E.S.R. - 13 At the end of 1 Hr. 0 - 14

WBC MORPHOLOGY - WITHIN NORMAL LIMIT
Platelets - ADEQUATE ON SMEAR

- * BLOOD GROUP - A Rh POSITIVE
- * RANDOM BLOOD SUGAR - 102.0 mg/dl 80 - 120
- * RANDOM URINE SUGAR - ABSENT
- * URINE FOR ALBUMIN - ABSENT

-----END OF REPORT-----



Dr. Shubhangi Patil

DR.SHUBHANGI PATIL

MD.Pathology Consultant Pathologist
Mane Care Diagnostics.

Employee Name : MR. KRISHNA A VARAPE
Company Name : PADMASHRI DR.D.Y. PATIL S.S.K.LTD.

Age / Sex : 32 Yrs. / M
CheckUp Date : 24/09/2022

Department : -
Employee No : 0290
Sr. No. : 3

Weight (Kg) : 53
Height (Cms) : 161
BMI : 20.45

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 : HTN (FATHER)

Personal Habits : NAD

General Examination

Pulse (/min) : 74

BP(mmHg) : 120 / 80

Skin : NORMAL

Appearance : GOOD

Built : AVERAGE

Deformities : NAD

Systemic Examination

ENT : NORMAL

RS : NAD

CVS : NAD

CNS : NAD

GUS : NAD

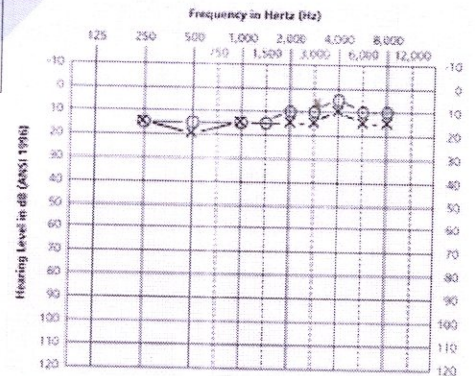
GIT : NAD

Vision	Without Glass		With Glass	
	RE/6	LE/6	RE/6	LE/6
Near	RE/6	LE/6	RE/6	LE/6
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

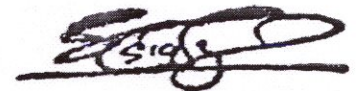
Audiogram Reports Right Ear : NORMAL Left Ear : NORMAL

ECG NA

X-Ray NA

Vaccination NA

Pathology Lab Investigation Results :
ALL REPORTS ARE ATTACHED WITHIN NORMAL LIMITS.

DR. ARVIND MANE
MBBS DPH AFIH.(Mumbai)

PT. NAME :- MR. KRISHNA A VARAPE
REF. BY :- PADMASHRI DR.D.Y. PATIL S.S.K.LTD.

AGE/SEX :- 32 Yrs. / M

DATE :- 24/09/2022

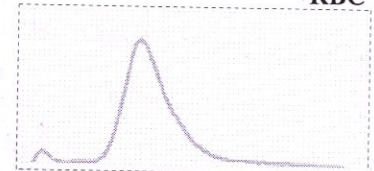
SR. NO. :- 3

LAB NO. :- 3

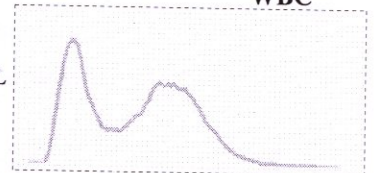
EMP NO. :- 290

HAEMOGRAM

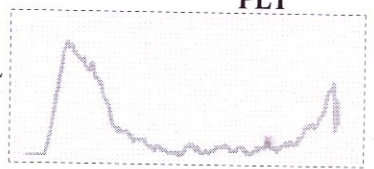
Test	Result	Units	Normal Range	Histogram
Haemoglobin	- 13.1	gms%	Male : 13.5 - 18, Female : 11.5 - 16.5 Infant : 9.5 - 14	
RBC Count	- 4.89	millions / uL	4.5 - 6.5	RBC
PCV	- 42.0	%	40 - 54	
MCV	- 82.0	fL	80 - 99	
MCH	- 26.8	Pg	27 - 33	
MCHC	- 32.7	g/dl	32 - 37	
RDW	- 14.1	%	11.0 - 14.5	



WBC Count	- 6900	cells/cumm	4,000 - 11,000	
Neutrophils	- 62	%	40 - 75	
Lymphocytes	- 31	%	20 - 45	
Eosinophils	- 04	%	1 - 6	
Monocytes	- 03	%	2 - 10	
Basophils	- 00	%	0 - 1	



Platelet Count	- 296000	/cumm	1,50,000 - 4,50,000	
PCT	- 0.121	%	0.08 - 1.0	
MPV	- 8.4	fL	7.4 - 10.4	
PDW	- 12.3	%	10 - 15	

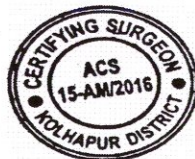


E.S.R. - 09 At the end of 1 Hr. 0 - 14

WBC MORPHOLOGY - WITHIN NORMAL LIMIT
Platelets - ADEQUATE ON SMEAR

- * BLOOD GROUP - O Rh POSITIVE
- * RANDOM BLOOD SUGAR - 98.0 mg/dl 80 - 120
- * RANDOM URINE SUGAR - ABSENT
- * URINE FOR ALBUMIN - ABSENT

----- END OF REPORT -----



Dr. Shubhangi Patil

DR.SHUBHANGI PATIL

MD.Pathology Consultant Pathologist
Mane Care Diagnostics.

Employee Name : MR. DEEPAK P PATIL
 Company Name : PADMASHRI DR.D.Y. PATIL S.S.K.LTD.

Age / Sex : 39 Yrs. / M
 CheckUp Date : 24/09/2022

Department : -
 Employee No : 0409
 Sr. No. : 4

Weight (Kg) : 72
 Height (Cms) : 171
 BMI : 24.62

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: HORNIA

Past History : NAD

Family History : NAD

Personal Habits : NAD

General Examination

Pulse (/min) : 72

BP(mmHg) : 120 / 80

Skin : NORMAL

Appearance : GOOD

Built : AVERAGE

Deformities : NAD

Systemic Examination

ENT : NORMAL

RS : NAD

CVS : NAD

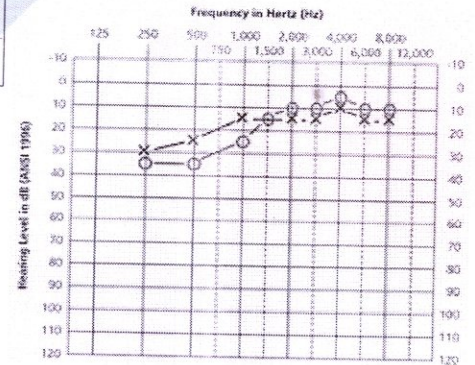
CNS : NAD

GUS : NAD

GIT : NAD

Vision	Without Glass		With Glass	
	Near	Distant	RE/6	LE/6
	RE/6	LE/6	RE/6	LE/6
	6/6	6/6	6/6	6/6

AUDIOMETRY



Color Vision : NORMAL

Refractory Error : ABSENT

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

ECG : NA

X-Ray : NA

Vaccination : NA

Pathology Lab Investigation Results :
 ALL REPORTS ARE ATTACHED WITHIN NORMAL LIMITS.

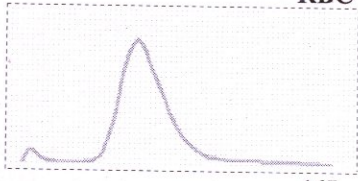
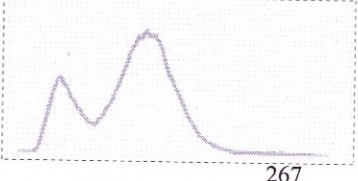
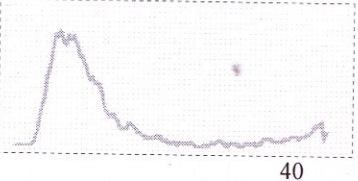


DR.ARVIND MANE
 MBBS DPH AFIH.(Mumbai)

PT. NAME :- MR. DEEPAK P PATIL
 REF. BY :- PADMASHRI DR.D.Y. PATIL S.S.K.LTD.
 SR. NO. :- 4

AGE/SEX :- 39 Yrs. / M
 DATE :- 24/09/2022
 LAB NO. :- 4
 EMP NO. :- 409

HAEMOGRAM

Test	Result	Units	Normal Range	Histogram
Haemoglobin	- 14.2	gms%	Male : 13.5 - 18, Female : 11.5 - 16.5 Infant : 18 - 20 Child : 9.5 - 14	
RBC Count	- 4.79	millions / uL	4.5 - 6.5	RBC
PCV	- 44.7	%	40 - 54	
MCV	- 82.0	fL	80 - 99	
MCH	- 29.6	Pg	27 - 33	
MCHC	- 36.2	g/dl	32 - 37	
RDW	- 12.9	%	11.0 - 14.5	
WBC Count	- 7300	cells/cumm	4,000 - 11,000	WBC
Neutrophils	- 60	%	40 - 75	
Lymphocytes	- 32	%	20 - 45	
Eosinophils	- 05	%	1 - 6	
Monocytes	- 03	%	2 - 10	
Basophils	- 00	%	0 - 1	
Platelet Count	- 296000	/cumm	1,50,000 - 4,50,000	PLT
PCT	- 0.167	%	0.08 - 1.0	
MPV	- 8.5	fL	7.4 - 10.4	
PDW	- 12.3	%	10 - 15	
E.S.R.	- 09	At the end of 1 Hr.	0 - 14	
WBC MORPHOLOGY	- WITHIN NORMAL LIMIT			
Platelets	- ADEQUATE ON SMEAR			

* BLOOD GROUP - AB Rh POSITIVE
 * RANDOM BLOOD SUGAR - 98.0 mg/dl 80 - 120
 * RANDOM URINE SUGAR - ABSENT
 * URINE FOR ALBUMIN - ABSENT

----- END OF REPORT -----



DR. SHUBHANGI PATIL

DR. SHUBHANGI PATIL
 MD. Pathology Consultant Pathologist
 Mane Care Diagnostics.

Employee Name : MR. PANDURANG PATIL
Company Name : PADMASHRI DR.D.Y. PATIL S.S.K.LTD.

Age / Sex : 45 Yrs. / M
CheckUp Date : 24/09/2022

Department : -
Employee No : 0598
Sr. No. : 5

Weight (Kg) : 51
Height (Cms) : 165
BMI : 18.73

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) : 78

BP(mmHg): 140 / 90

Skin : NORMAL

Appearance : GOOD

Built : AVERAGE

Deformities : NAD

Systemic Examination

ENT : NORMAL

RS : NAD

CVS : NAD

CNS : NAD

GUS : NAD

GIT : NAD

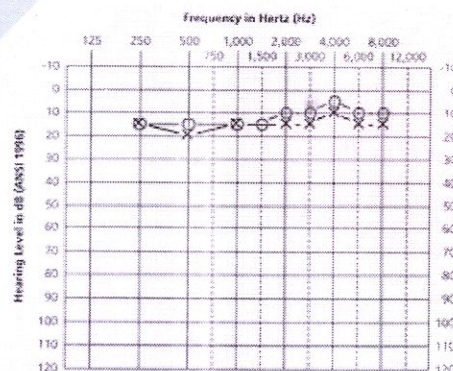
Vision

	Without Glass		With Glass	
Near	RE/6	LE/6	RE/6	LE/6
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

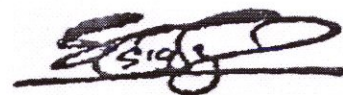
Audiogram Reports Right Ear : NORMAL Left Ear : NORMAL

ECG NA

X-Ray NA

Vaccination NA

Pathology Lab Investigation Results :
ALL REPORTS ARE ATTACHED WITHIN NORMAL LIMITS.

DR.ARVIND MANE
MBBS DPH AFIH.(Mumbai)

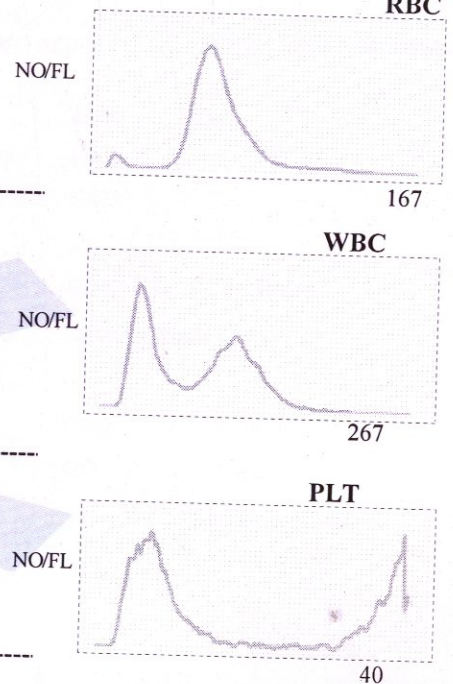
PT. NAME :- MR. PANDURANG PATIL
 REF. BY :- PADMASHRI DR.D.Y. PATIL S.S.K.LTD.

AGE/SEX :- 45 Yrs. / M
 DATE :- 24/09/2022
 LAB NO. :- 5
 EMP NO. :- 598

SR. NO. :- 5

HAEMOGRAM

Test	Result	Units	Normal Range	Histogram
Haemoglobin	- 13.4	gms%	Male : 13.5 - 18, Female : 11.5 - 16.5 Infant : 18 - 20 Child : 9.5 - 14	
RBC Count	- 4.89	millions / uL	4.5 - 6.5	RBC
PCV	- 41.7	%	40 - 54	
MCV	- 87.6	fL	80 - 99	
MCH	- 27.4	Pg	27 - 33	
MCHC	- 31.3	g/dl	32 - 37	
RDW	- 14	%	11.0 - 14.5	
<hr/>				
WBC Count	- 7600	cells/cumm	4,000 - 11,000	
Neutrophils	- 65	%	40 - 75	
Lymphocytes	- 28	%	20 - 45	
Eosinophils	- 04	%	1 - 6	
Monocytes	- 03	%	2 - 10	
Basophils	- 00	%	0 - 1	
<hr/>				
Platelet Count	- 296000	/cumm	1,50,000 - 4,50,000	
PCT	- 0.149	%	0.08 - 1.0	
MPV	- 8.1	fL	7.4 - 10.4	
PDW	- 12.3	%	10 - 15	
<hr/>				
E.S.R.	- 12	At the end of 1 Hr.	0 - 14	
WBC MORPHOLOGY	- WITHIN NORMAL LIMIT			
Platelets	- ADEQUATE ON SMEAR			



* BLOOD GROUP - A Rh POSITIVE
 * RANDOM BLOOD SUGAR - 105.0 mg/dl 80 - 120
 * RANDOM URINE SUGAR - ABSENT
 * URINE FOR ALBUMIN - ABSENT

----- END OF REPORT -----



Dr. Shubhangi Patil

DR.SHUBHANGI PATIL

MD.Pathology Consultant Pathologist
 Mane Care Diagnostics.

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

HEALTH REGISTER

From: 08/01/2021 To 07/01/2022

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

Company Name : PADMASHREE DR.D.Y.PATIL S.S.K.LTD

Sr. No.	Emp. No.	Name	Age	Sex	Dept of employment of present work	Date of leaving or transfer to other work	Reason for leaving Transfer of discharg	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.
1	-	MR. DIPAK M PATIL	22	m	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
2	-	MR. EKNATH B PATIL	37	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
3	-	MR. SARJERAO P PATIL	35	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
4	-	MR. RAHUL R DALVI	26	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
5	-	MR. SARJERAO G PATIL	38	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
6	-	MR. AJIT S PATIL	28	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
7	-	MR. SUDHAKAR R SARNOBAT	49	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
8	-	MR. VIKRAM P PATIL	30	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
9	-	MR. VIKRAM R PARGAVKAR	26	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
10	-	MR. SACHIN S PATIL	25	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
11	-	MR. TANAJI S SHELAR	37	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
12	-	MR. DILIP R GAXKAR	29	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
13	-	MR. SADASHIV S PADVAL	36	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
14	-	MR. SAHADEV D PATIL	47	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
15	-	MR. NAMDEV D RANMALE	54	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
16	-	MR. MAHADEV K KURANE	39	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
17	-	MR. SHIVAJI S PATIL	24	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
18	-	MR. KASHINATH B POWAR	54	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
19	-	MR. SANDIP R BHOSALE	38	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	

कारखाने अधिनियम १९४८ च्या कलम १०(२) प्रमाणे

कोल्हापूर जिल्हाकरिता

प्राधिकृत प्रमाणकशल्यचिकित्सक

क्र. ACS 15-AM/2016

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

HEALTH REGISTER

From: 08/01/2021 To 07/01/2022

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

Company Name : PADMASHREE DR.D.Y.PATIL S.S.K.LTD

Sr. No.	Emp. No.	Name	Age	Sex	Dept of employment of present work	Date of leaving or transfer to other work	Reason for leaving Transfer of discharg	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	-	MR. DILIP S PATIL	53	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
21	-	MR. NIVAS M POTHDAR	35	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
22	-	MR. SUNIL P POWAR	35	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
23	-	MR. BAJIRAO D PATIL	49	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
24	-	MR. NARAYAN V KAMBLE	45	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
25	-	MR. LAHU S SHINDE	47	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
26	-	MR. DIPAK A MASKAR	32	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
27	-	MR. PRAKASH G VAREKAR	44	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
28	-	MR. VIKRAM N SADHAV	27	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
29	-	MR. SANDEEP S PATIL	34	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
30	-	MR. SAGAR L GAVKAR	31	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
31	-	MR. ASHOK L MAHADIK	55	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
32	-	MR. SUPAN B PATIL	59	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
33	-	MR. AANAJI B PATIL	55	m	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
34	-	MR. AATMARAM S KAMBLE	37	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
35	-	MR. SANTOSH A JADHAV	44	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
36	-	MR. BIPIN B PATIL	30	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
37	-	MR. BHIKAJI V PATIL	35	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
38	-	MR. DIPAK P PATIL	38	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	

कारखाने अधिनियम १९४८ च्या कलम १०(२) प्रमाणे
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प्राधिकृत प्रमाणक शल्यचिकित्सक
क्र. ACS 15-AM/2016

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

HEALTH REGISTER

From: 08/01/2021 To 07/01/2022

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

Company Name : **PADMASHREE DR.D.Y.PATIL S.S.K.LTD**

Sr. No.	Emp. No.	Name	Age	Sex	Dept of employment of present work	Date of leaving or transfer to other wo	Reason for leaving Transfer of discharg	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.
39	-	MR. PINTU I PATIL	42	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
40	-	MR. BAPU B DAKAVE	25	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
41	-	MR. PANDURANG H PATIL	45	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
42	-	MR. RAMKRUSHAN G PADVAL	41	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
43	-	MR. LAXAMAN J KAMBLE	52	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
44	-	MR. AHAMAD H MUKADAM	42	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
45	-	MR. SANJAY B PATIL	32	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
46	-	MR. TUKARAM D KAMBLE	51	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
47	-	MR. SANJAY A DHUMAL	44	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
48	-	MR. SAGAR R MALTWADKAR	43	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
49	-	MR. NARAYAN S GAVKAR	44	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
50	-	MR. UTTAM S PATIL	26	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
51	-	MR. SHAHARUKH R KHALIP	30	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
52	-	MR. MARUTI D PATIL	35	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
53	-	MR. NANA D MALAP	47	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
54	-	MR. SARJERAO R PATIL	55	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
55	-	MR. DATTATRAY S PATIL	33	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
56	-	MR. KRUSHNATH R PATIL	38	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
57	-	MR. GANPATI S TORASKAR	37	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	

कारखाने अधिनियम १९४८ च्या कलम १०(२) प्रमाणे
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प्राधिकृत प्रमाणकशल्यचिकित्सक
क्र. ACS 15-AM/2016

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Certifying Surgeon

DR.ARVIND MANE

MBBS DPH AFIH.(Mumbai)

Company Name : PADMASHREE DR.D.Y.PATIL S.S.K.LTD

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58	-	MR. UDAY S PATIL	23	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
59	-	MR. BALKRUSHN V BHUTAL	26	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
60	-	MR. BALU M JADHAV	35	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
61	-	MR. UDAY Y KHEDEKAR	40	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
62	-	MR. MANGESH M PRABHU	24	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
63	-	MR. YURAJ M AWAD	37	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
64	-	MR. PRAKASH N PATIL	35	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
65	-	MR. VIKAS P KUMBHAR	34	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
66	-	MR. BABAN B KADAM	40	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
67	-	MR. PRAKASH D MITHARE	39	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
68	-	MR. SAMBHAJI D MORE	42	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
69	-	MR. VILAS B GURAV	42	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
70	-	MR. GOVIND B MHEHATAR	54	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
71	-	MR. BABAN S SUTAR	55	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
72	-	MR. BHARAT B PATIL	34	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
73	-	MR. SANTOSH P PATIL	42	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
74	-	MR. DASRATH Y BHANAGE	39	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
75	-	MR. DIPAK N MOLE	34	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
76	-	MR. SUHAS B PATIL	41	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	

कारखाने अधिनियम १९४८ च्या कलम १०(२) प्रमाणे

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प्राधिकृत प्रमाणकशल्यचिकित्सक

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77	-	MR. VILAS A ATHAWALE	50	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
78	-	MR. SANDIP A VIBHUTE	37	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
79	-	MR. RAJESHKUMAR BIGUSHAHA	20	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
80	-	MR. BASAPPA Y PUJARI	24	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
81	-	MR. VIJAYKUMAR GAGANEDEVAM	32	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
82	-	MR. PRAKASH S BHOSALE	31	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
83	-	MR. PRAKASH T SAWANT	47	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
84	-	MR. SANDEEP P PATIL	37	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
85	-	MR. SUNILRAM GAGANDEVAM	31	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
86	-	MR. BAJRANG R CHAVAN	30	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
87	-	MR. ANANDA S PATIL	48	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
88	-	MR. SAGAR S KAMBLE	26	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
89	-	MR. TUKARAM D DALAVI	28	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
90	-	MR. SACHIN S PATIL	28	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
91	-	MR. SANJAY S PATIL	45	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
92	-	MR. SARJERAO P PANAV	29	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
93	-	MR. RAJARAM S PATIL	53	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
94	-	MR. KRUSHINATH G PATIL	35	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
95	-	MR. PANDIT G RABADE	54	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	

कारखाने अधिनियम १९४८ च्या कलम १०(२) प्रमाणे
कोल्हापूर जिल्हाकरिता

† प्राधिकृत प्रमाणकशल्यचिकित्सक
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96	-	MR. KRUSHNATH D MISAL	47	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
97	-	MR. SAGAR S PATIL	40	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
98	-	MR. KIRAN V PATIL	37	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
99	-	MR. YASHWANT M PATIL	50	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
100	-	MR. BAJIRAO B SAWANT	42	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
101	-	MR. UTTAM V PATIL	49	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
102	-	MR. MADHUKAR P SABALE	54	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
103	-	MR. YALLAPP S PUJARI	28	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
104	-	MR. SHATRUGAN KUMAR	22	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
105	-	MR. SAMBHAJI D PADTARE	56	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
106	-	MR. EKNATH P PATIL	36	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
107	-	MR. SARDAR P KHADE	40	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
108	-	MR. CHANDRKANT G JADHAV	40	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
109	-	MR. DAJI P BALIP	32	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
110	-	MR. PANDIT R NAIK	36	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
111	-	MR. EKNATH K MASKAR	52	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
112	-	MR. RAJENDRA R PATIL	42	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
113	-	MR. CHANDRKANT B PATIL	41	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
114	-	MR. SANDIP T PATIL	39	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	

कारखाने अधिनियम १९४८ च्या कलम १०(२) प्रमाणे
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115	-	MR. VIJAY S KAMBLE	38	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
116	-	MR. VIJAYAANAND B PATIL	40	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
117	-	MR. CHANDRKANT G SHELKHE	26	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
118	-	MR. VIKRAM L GURAV	37	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
119	-	MR. DILIP B KANEGAVKAR	36	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
120	-	MR. MAHADEV D PATIL	35	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
121	-	MR. MAHADEV D BAGAVE	41	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
122	-	MR. AJIT B DESAI	28	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
123	-	MR. KRUSHNAT H PATIL	39	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
124	-	MR. NAVNATH A KAMBLE	26	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
125	-	MR. GANPATI T SHINDE	42	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
126	-	MR. SANJAY N PATIL	45	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
127	-	MR. SANJAY D PATIL	39	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
128	-	MR. RAJARAM B PATIL	42	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
129	-	MR. GORAK S SUTAR	30	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
130	-	MR. TUKARAM B PATIL	36	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
131	-	MR. RAHUL R SHIVGAN	25	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
132	-	MR. ASHOK R PATIL	31	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
133	-	MR. VIKRAM A PATIL	35	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	

कारखाने अधिनियम १९४८ च्या कलम १०(२) प्रमाणे
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प्राधिकृत प्रमाणकशल्यचिकित्सक
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134	-	MR. BAJIRAO S PATIL	38	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
135	-	MR. MAHADEV M SHELKHE	34	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
136	-	MR. RAJENDRA P CHOUGALE	40	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
137	-	MR. PRAVIN B PATIL	24	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
138	-	MR. SANDIP S PATIL	26	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
139	-	MR. SANTOSH B AADULKAR	32	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
140	-	MR. KRUSHNATH N SAVARE	47	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
141	-	MR. NAMDEV B NAIK	40	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
142	-	MR. SANDIP D KAMBLE	36	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
143	-	MR. VITHOBA M CHOKEKAR	34	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
144	-	MR. AMAR B KAMBLE	22	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
145	-	MR. VILAS R PATIL	42	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
146	-	MR. MADAN M PATANKAR	39	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
147	-	MR. CHANDRADIP S PATIL	24	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
148	-	MR. LAXMAN R PATILE	27	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
149	-	MR. AMAR B CHAVAN	27	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
150	-	MR. SUBHASH K MAIAVI	23	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
151	-	MR. CHANDRAKANT T PATIL	34	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
152	-	MR. SANDEEP Y PAWAR	41	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	

कारखाने अधिनियम १९४८ च्या कलेम १०(२) प्रमाणे

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प्राधिकृत प्रमाणकशल्यचिकित्सक

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

HEALTH REGISTER

From: 08/01/2021 To 07/01/2022

Certifying Surgeon

DR.ARVIND MANE

MBBS DPH AFIH.(Mumbai)

Company Name : PADMASHREE DR.D.Y.PATIL S.S.K.LTD

Sr. No.	Emp. No.	Name	Age	Sex	Dept of employment of present work	Date of leaving or transfer to other wor	Reason for leaving Transfer of discharg	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.
153	-	MR. RAGHUNATH S SAWANT	44	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
154	-	MR. SANJAY P GHATAGHE	41	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
155	-	MR. TANAJI K PATIL	37	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
156	-	MR. AANANDA B PATIL	52	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
157	-	MR. DYANDEV A PADVAI	38	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
158	-	MR. MUNA K YADAV	34	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
159	-	MR. ANKUSH G DAKAVE	41	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
160	-	MR. BAPU S PANDHARE	43	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
161	-	MR. SACHIN S PATIL	42	m	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
162	-	MR. PRAKASH D PRABHV	42	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
163	-	MR. RAJU D CHOUDHARI	33	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
164	-	MR. AANANDA B SHENDE	58	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
165	-	MR. ASHOK T KAMBLE	40	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
166	-	MR. RAMCHANDRA K DESAI	52	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
167	-	MR. TANAJI S GVRAY	51	m	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
168	-	MR. PARESHRAM K MASVRKAR	27	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
169	-	MR. AJIT G PATIE	28	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
170	-	MR. KRUSHANA D SARNOBAT	48	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
171	-	MR. SAGAR A PATIL	25	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	

कारखाने अधिनियम १९४८ च्या कलम १०(२) प्रमाणे

कोल्हापूर जिल्हाकरिता

प्राधिकृत प्रमाणकशल्यधिकृतसक

क्र. ACS 15-AM/2018

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

HEALTH REGISTER

From: 08/01/2021 To 07/01/2022

Certifying Surgeon

DR.ARVIND MANE

MBBS DPH AFIH.(Mumbai)

Company Name : **PADMASHREE DR.D.Y.PATIL S.S.K.LTD**

Sr. No.	Emp. No.	Name	Age	Sex	Dept of employment of present work	Date of leaving or transfer to other wor	Reason for leaving Transfer of discharg	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.
172	-	MR. AMOL B PATIL	31	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
173	-	MR. SARDAR B KOKANE	39	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
174	-	MR. RAJARAM K PATIL	37	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
175	-	MR. SURESH M SATAM	53	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
176	-	MR. UDAY J DESAI	42	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
177	-	MR. PRALHAD B PATIL	50	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
178	-	MR. SARDAR R PATIL	44	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
179	-	MR. PRAKASH V BANDEKAR	40	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
180	-	MR. ROHIT B KADAM	30	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
181	-	MR. MAHADEV S BHOSALE	43	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
182	-	MR. SARDAR M PATIL	38	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
183	-	MR. RAJARAM K KAMBALE	42	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
184	-	MR. SURESH D PATIL	41	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
185	-	MR. VISHWAS D PRABHU	36	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
186	-	MR. BAJIRAO A MAGDUM	44	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
187	-	MR. TANAJI R PRABU	43	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
188	-	MR. MOHAN D SURAYWANSHI	54	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
189	-	MR. DIGAMBAR L SHINDE	43	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
190	-	MR. BHAGOJI R KOLEKAR	40	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	

करिखने अधिनियम १९४८ च्या कलम १०(२) प्रमाणे कोल्हापूर जिल्हाकरिता

प्राधिकृत प्रमाणकशल्यचिकित्सक
क्र. ACS 15-AM/2016

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

HEALTH REGISTER

From: 08/01/2021 To 07/01/2022

Certifying Surgeon

DR.ARVIND MANE

MBBS DPH AFIH.(Mumbai)

Company Name : PADMASHREE DR.D.Y.PATIL S.S.K.LTD

Sr. No.	Emp. No.	Name	Age	Sex	Dept of employment of present work	Date of leaving or transfer to other work	Reason for leaving Transfer of discharg	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.
191	-	MR. BHAGOJI D GAVADE	38	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
192	-	MR. SANDIP R DESAI	39	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
193	-	MR. MADHUKAR P PATIL	40	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
194	-	MR. AANANDA M PATIL	44	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
195	-	MR. MAHINAPPA M PATIL	45	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
196	-	MR. MANGESH G VAREKAR	42	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
197	-	MR. SANDIP S JADHAV	36	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
198	-	MR. GIRIDHAR A BOBHATE	30	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
199	-	MR. SACHIN V SHINDE	38	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
200	-	MR. PRAKASH B VAREKAR	53	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
201	-	MR. SURESH D GHALASE	44	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
202	-	MR. JANARDAN J KAMBLE	32	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
203	-	MR. DHANAJ N SARNOBAT	34	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
204	-	MR. DHANAJI D CHOUGAIE	49	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
205	-	MR. RAJARAM R SUTAR	38	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
206	-	MR. RAVINDRANAT S BHAIEKAR	41	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
207	-	MR. TANAJI K JADHAV	36	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
208	-	MR. RANGRAO N DALAVI	42	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
209	-	MR. BHAGOJI J KALEKAR	40	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	

कारखाने अधिनियम १९४८ च्या कलम १०(२) प्रमाणे

कोल्हापूर जिल्हाकरिता

प्राधिकृत प्रमाणक शल्यचिकित्सक

क्र. ACS 15-AM/2016

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

HEALTH REGISTER

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Certifying Surgeon

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MBBS DPH AFIH.(Mumbai)

Company Name : PADMASHREE DR.D.Y.PATIL S.S.K.LTD

Sr. No.	Emp. No.	Name	Age	Sex	Dept of employment of present work	Date of leaving or transfer to other wor	Reason for leaving Transfer of discharg	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 wit signature of Certifying Surgeon	If Certificate of unfitness or suspension issued to worker	Signature with gate certifying surgeon.
210	-	MR. SARDAR S CHOUGALE	38	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
211	-	MR. SHIVAJI L PATIL	35	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
212	-	MR. SUNIL S DONAGLE	45	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
213	-	MR. SURESH A PATIL	50	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
214	-	MR. RAMDAS N KHADE	44	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
215	-	MR. SANTOSH D GURAV	44	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
216	-	MR. RAMCHANDRA D PATIL	55	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
217	-	MR. SHIVNAT S YADAV	56	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
218	-	MR. MARUTI N KARANDE	38	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
219	-	MR. RAJENDRA D KUMBHAR	52	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
220	-	MR. SARGERAO B PATIL	41	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
221	-	MR. VIJAY D GAYKAR	47	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	
222	-	MR. PANDURANG M GAIKAR	38	M	-	NA	NA			08/01/2021	Fit	NA	Fit	NA	

कारखाने अधिनियम १९४८ च्या कलम १०(२) प्रमाणे
कोल्हापूर जिल्हाकरिता
प्राधिकृत प्रमाणकशल्यचिकित्सक
क्र. ACS 15-AM/2016

Annexure VI
Photographs of
Firefighting System and Mock-drill

Photographs of Mock-drill



Annexure VII
Hazardous waste
returns Form -IV



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

Form 4

See rules 6(5),13(8),16(6) and 20(2) of Hazardous and other wastes 2016

FORM FOR FILING ANNUAL RETURNS

[To be submitted to state pollution control board/pollution control committee by 30th June of every year for the preceeding period April to march]

Unique Application Number:

MPCB-HW_ANNUAL_RETURN-0000026399

Submitted On:

11-05-2022

Industry Type

:

Generator

Submitted for Year:

April 2021 to March 2022

1. Name of the generator/operator of facility

Padmshree Dr.Dr.D.Y.Patil.S.S.K.Ltd (Distillery Unit)

Address of the unit/facility

Dnyanshantinagar,Gaganbavada

1b. Authorization Number

Format 1.0/CAC/UAN No. MPCB-CONSENT-0000117239/CO-2110000913

Date of issue

Oct 20, 2021

Date of validity of consent

Aug 31, 2022

2. Name of the authorised person

A. A. Bhambure (Environment Officer)

Full address of authorised person

Dnyanshantinagar,Tal-Gaganbawada

Telephone

9405009512

Fax

02326223100

Email

dypatilsskltd@fmail.com

3. Production during the year (product wise), wherever applicable

Product Type *	Product Name *	Consented Quantity	Actual Quantity	UOM
Distillery including Fermentation Industry	Rectified Spirit (RS)	45.0000	23.12	KL/D
Distillery including Fermentation Industry	Extra Neural Alcohol	45.0000	15.13	KL/D
Distillery including Fermentation Industry	Ethanol	45.0000	0	KL/D

PART A: To be filled by hazardous waste generators

1. Total Quantity of waste generated category wise

Type of hazardous waste	Waste Name	Consented Quantity	Quantity	UOM
	NA	0.000	0	MTA

2. Quantity dispatched category wise.

Type of Waste	Quantity of waste	UOM	Dispatched to	Facility Name
	0	MTA	0	NA

3. Quantity Utilised in-house,If any

Type of Waste	Name of Waste	Quantity of Waste	UOM
	NA	0	MTA

4. Quantity in storage at the end of the year

Type of Waste	Name of Waste	Quantity of Waste	UOM
	NA	0	KL/Anum

5. Quantity disposed in landfills as such and after treatment

Type	Quantity	UOM
------	----------	-----

Direct landfilling	NA	KL/Anum
Landfill after treatment	NA	KL/Anum
6. Quantity incinerated (if applicable)	UOM	
NA	KL/Anum	

PART B: To be filled by Treatment, storage, and disposal facility operators

1.Total Quantity received	UOM	State Name
NA	KL/Anum	Maharashtra
2. Quantity in stock at the beginning of the year	UOM	
NA	KL/Anum	
3. Quantity treated	UOM	
NA	KL/Anum	
4. Quantity disposed in landfills as such and after treatment		
Type	Quantity	UOM
Direct landfilling	NA	KL/Anum
Landfill after treatment	NA	KL/Anum
5. Quantity incinerated (if applicable)	UOM	
NA	KL/Anum	
6. Quantity processed other than specified above	UOM	
NA	KL/Anum	
7. Quantity in storage at the end of the year.	UOM	
NA	KL/Anum	

PART C: To be filled by recyclers or co-processors or other users

1. Quantity of waste received during the year					
Waste Name/Category	Country Name	State Name	Quantity of waste received from domestic sources	Quantity of waste imported(If any)	Units
NA	India	Maharashtra	NA	NA	KL/Anum
2. Quantity in stock at the beginning of the year					
Waste Name/Category			Quantity	UOM	
NA			NA	KL/Anum	
3. Quantity of waste recycled or co-processed or used					
Name of Waste	Type of Waste		Quantity	UOM	
NA	NA		NA	KL/Anum	
4. Quantity of products dispatched (wherever applicable)					
Name of product			Quantity	UOM	
NA			NA	KL/Anum	
5. Total quantity of waste generated					
Waste name/category			quantity	UOM	
NA			NA	KL/Anum	
6. Total quantity of waste disposed					
Waste name/category			quantity	UOM	
NA			NA	KL/Anum	
7. Total quantity of waste re-exported (If Applicable)					

Waste name/category	quantity	UOM
NA	NA	KL/Anum

8. Quantity in storage at the end of the year

Waste name/category	quantity	UOM
NA	NA	KL/Anum

9. Quantity disposed in landfills as such and after treatment

Type	Quantity	UOM
Direct landfilling	NA	KL/Anum
Landfill after treatment	NA	KL/Anum

10. Quantity incinerated (if applicable)

UOM
KL/Anum

Personal Details

Place	Date	Designation
Kolhapur	2021-04-23	Environment Officer

Annexure VIII
Newspaper Advertisement w.r.t. Grant
of EC

Annexure IX
Acknowledgement from Local Body



PADMASHREE DR. D. Y. PATIL SAHAKARI SAKHAR KARKHANA LTD;
DNYANSHANTINAGAR, TAL. GAGANBAVADA, DIST. KOLHAPUR.

पद्मश्री डॉ. डी. वाय. पाटील सहकारी साखर कारखाना लि.,
ज्ञानशांतीनगर, ता. गगनबावडा, जि. कोल्हापूर.

Factory Ph. : (02326) 223101, 223102. Fax : (02326) 223100.
Email : dy_patilssktd@rediffmail.com, dypatilssktd@gmail.com
Tar - Dnyanshantisakhar Regd. No.: KPR/GWA/PRG/(A)/S-50/Date:6/4/1994
PAN No. - AAAAS 6831 N GSTIN - 27AAAAS6831N1Z2

चेअरमन

आमदार सतेज उर्फ बंटी डी. पाटील

Ref. No. :

Date :

Ref.:DNS/Adm./1900 /2018-19

Date : 26.03.2019

To,
Sarpanch,
Group Grampanchayat Aslaj, Vesraf, Palsambe,
Tal.Gaganbawada, Dist.Kolhapur.

Sub.: Regarding Grant of Environmental Clearance for sugar factory and Cogen

- Reference 1 EC Letter issued for 2500 TPD crushing of sugarcane, at Dnyanshanti Nagar, At & Post-Aslaj, Gagan Baavda, Dist.: Kolhapur. M. S . for our industrial unit formerly known as M/s. Saptaganga Sahakari Sakhar Karkhana.
- 2 Co-generation power plant of 19 MW , at Dnyanshanti Nagar, At & Post-Aslaj, Gagan Baavda, Dist.: Kolhapur. M.S. for our industrial unit formerly known as M/s. Orient Green Power Company Ltd.

Dear sir,

This has reference to EC letter granted to our industry - **M/s Padmashree Dr. D. Y. Patil Sahakari Sakhar Karkhana Ltd** for 2500 TPD Sugar Factory vide Letter No. ENV (NOC)2003/984/CR.144/D.I dated 20th January, 2004 and EC granted for 19 MW co-generation plant vide its Letter No. SEAC-2010/CR.357/T.C.2 dated 23th December 2011 from SEAC.

Accordingly, we are submitting herewith a copy of Environmental clearance letters granted for your record and reference.

Thanking You.
Yours Faithfully,

For , M/s Padmashree Dr. D. Y. Patil Sahakari Sakhar Karkhana Ltd


Ok. Managing Director

26/3/2019
लिपिक
पंचायत समिती गगनबावडा

C.C – 1. Tahsildar Gaganbawada,
2. Panchayat Samiti, Gaganbawada.


26.3.19
न्यायिक टपाल
बारमिशी लिपिक
तहसिलदार कार्यालय, गगनबावडा

Annexure X
Environment Statement
Form V



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2022

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000042466

Submitted Date

15-06-2022

PART A

Company Information

Company Name

Padmashree Dr. D. Y. Patil S.S.K. Ltd. (Distillery Unit)

Application UAN number

MPCB-CONSENT-0000117239

Address

Vesraf-Palsambe,Dnyanshantinagar, Gaganbavada,
Dist: Kolhapur.

Plot no

6A,6B,8A,8B,05,50,15,305,306,307

Taluka

Gaganbavada

Village

Vesraf-Palsambe

Capital Investment (In lakhs)

15285.07

Scale

Large

City

Kolhapur

Pincode

416206

Person Name

Mr.Jaydeep Patil

Designation

Managing Director

Telephone Number

9405009512

Fax Number

02326223100

Email

dypatilsskltd@gmail.com

Region

SRO-Kolhapur

Industry Category

Red

Industry Type

R60 Distillery (molasses / grain
/yeast based)

Last Environmental statement submitted online

no

Consent Number

CAC/UAN/MPCB-CONSENT-
00001172239-2110000913

Consent Issue Date

2021-11-20

Consent Valid Upto

2022-08-31

Establishment Year

2020

Date of last environment statement submitted

Jun 1 2021 12:00:00:000AM

Industry Category Primary (STC Code) & Secondary (STC Code)

Product Information

Product Name

Rectified Spirit (RS)

Consent Quantity

3510

Actual Quantity

1803.604

UOM

KL/A

Extra Neural Alcohol

3510

1180.563

KL/A

Ethanol

3510

0.000

KL/A

By-product Information

By Product Name

NA

Consent Quantity

0

Actual Quantity

0

UOM

MT/A

Part-B (Water & Raw Material Consumption)

1) Water Consumption in m3/day

Water Consumption for Process	Consent Quantity in m3/day	Actual Quantity in m3/day
Cooling	118.00	118.00
Domestic	10.00	10.00
All others	0.00	0.00
Total	485.00	485.00

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Trade Effluent	360	360	CMD
Domestic Effluent	4	4	CMD

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

Name of Products (Production)	During the Previous financial Year	During the current Financial year	UOM
Extra Neural Alcohol	0	9.54	KL/A
Rectified Spirit	0	9.44	KL/A
Ethanol	0	0	KL/A

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

Name of Raw Materials	During the Previous financial Year	During the current Financial year	UOM
C Heavy Molasses	0	0.3712	MT/A
SMBS	0	0.0002832	MT/A
magnesium Sulfate	0	0.0000134	MT/A
Deformer	0	0.00001173	MT/A
Sulfuric Acid	0	0.00001173	MT/A

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Coal	3806.4	2642.00	MT/A

Part-C

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

[A] Water

Pollutants Detail	Quantity of Pollutants discharged (kL/day) Quantity	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour Concentration	Percentage of variation from prescribed standards with reasons %variation	Standard	Reason
NA	0	0	--	--	ZLD

[B] Air (Stack)

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

	Quantity	Concentration	%variation	Standard	Reason
Particulates (SPM)	154	42.33	--	150	--
SO2	83.16	22.74	--	408.00	--

Part-D

HAZARDOUS WASTES

1) From Process

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

2) From Pollution Control Facilities

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

Part-E

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Boiler Ash	0.000	1051	MT/A
Yeast Sludge	0.000	234	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
CPU Sludge	0.00	70	MT/A

3) Quantity Recycled or Re-utilized within the unit

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

Part-F

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

1) Hazardous Waste

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
0	0	MT/A	--

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
Boiler Ash	1051	MT/A	Disposal-Reuse-used as manure
CPU sludge	70	MT/A	Burn in incineration Boiler
Yeast Sludge	234	MT/A	Burn in incineration Boiler

Part-G

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

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)	Reduction in Power Consumption (KWH)	Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
---	0	0	0	0	0	0

Part-H

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

[A] Investment made during the period of Environmental Statement

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Annual Environment Monitoring Cost	Environmental Monitoring Cost	0.85
O & M cost	Green Belt Development	0.75
O & M cost	Effluent Treatment Plant	80

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
--	--	0

Part-I

Any other particulars for improving the quality of the environment.

Particulars

Total New Plantation for this financial year is of 1000 nos of trees in the industrial premises

Name & Designation

Jaydeep Patil (Managing Director)

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000042466

Submitted On:

15-06-2022