

MAHARASHTRA POLLUTION CONTROL BOARD

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Regional Office, Kolhapur, Maharashtra
 Scheme No. 10 & 11, Matunga
 San Carlo Road, Matunga
 Mumbai - 400 022

Consent order No:- L/BR/AC-Cell/EC/No- KP-16601-16/AC/14/14 Date: 28.10.2014

To,
 M/s. Suktas India Pvt. Ltd.,
 T-8 Five Star MIDC, Kagal,
 Dist. Kolhapur

Subject: Renewal of consent to operate with increased CI in RED category.
 Ref : 1. Earlier Consent granted vide no. 1.30/JDWPC/ECI-KP-11337-12/CO/CAC-S20 dtd. 08.02.2012.
 2. Your application approved in CAC meeting held on 15.04.2015.

Your application:- CO1410000244.
 Dated: 28.10.2014.

For: Renewal of Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 31 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 5 of the Hazardous Wastes (M. & T M) Rules 2008 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

- The consent is granted for a period from 01.12.2014 to 31.01.2016.
- The actual capital investment of the industry is Rs.228.39 Cr. (Existing CI-Rs. 225.49 Cr + increased CI- Rs. 2.90 Cr as per C.A. Certificate submitted by industry).
- The Consent is valid for the manufacture of -

Sr. No.	Product / By-Product Name	Maximum Quantity
1.	Dyed Shirting Fabrics	8,00,000 mtrs/Month
2.	Recovered Caustic (By product)	120 KL/M

- Conditions under Water (P&CP), 1974 Act for discharge of effluent:

Sr. no.	Description	Permitted quantity of discharge (CMD)	Standards to be achieved	Disposal
1.	Trade effluent	1295	As per Schedule -I	50% recycle/reuse in process and remaining to CETP
2.	Domestic effluent	40	As per Schedule -I	On land for gardenng

- Conditions under Air (P& CP) Act, 1981 for air emissions:

Sr. no.	Description of source/stack	Number of Stack	Standards to be achieved
1.	Boiler, Thermopack	2	As per Schedule -II
2.	Process vents	4	As per Schedule -II
3.	DG set	3	As per Schedule -II

6. Conditions about Non Hazardous Wastes:

Sr. No.	Name of Waste	Quantity	Frequency	Disposal Method
2	Wooden Scrap	1000 Kg/M	-----	Sale
3	Yarn Wastage	5000 Kg/M	-----	Sale
4	Aluminium Scrap	700 Kg/M	-----	Sale
5	Finish Fabric Waste	15000 Kg/M	-----	Sale
6	Gray Fabric Waste	800 Kg/M	-----	Sale
7	MS Scrap	8500 Kg/M	-----	Sale
8	Garbage	25000 Kg/M	-----	Sale
9	Plastic Scrap	12000 Kg/M	-----	Sale
10	SS Scrap	2500 Kg/M	-----	Sale
11	Boiler Ash	150 MT/M	-----	Sale
12	Fluff	150 Kg/M	-----	Sale

7. Conditions under Hazardous Waste (MH & TM) Rules, 2008 for treatment and disposal of hazardous waste:

Sr. No.	Name of Hazardous Waste	Quantity	Frequency	Disposal Method	Disposal Agency
1.	ETP sludge	34.4	5.0	MT/D	CHWT/SDF
2.	Waste/residue containing Oil	5.2	3.5	KL/A	Sale to Authorized re-processor
3.	Discarded Containers/barrels	33.3	500	Nos/M	Sale to Authorized re-processor

8. The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
9. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.
10. Industry shall carry out the performance audit of the ETP from the renowned institute like IIT or NEERI by 31.07.2015.
11. Industry shall carry out the performance audit for the existing air pollution control (APC) system from the renowned institute like IIT or NEERI by 31.07.2015.
12. Industry, the byproduct generator, should ensure that all the vehicles used to transport by-product to the vendor industry to be fitted with web based GPS system to record the origin to destination position and shall self monitor the compliance and submit monthly report to the Board.
13. Industry shall obtain affidavit from vendors stating that the by-product purchased from PP is used as raw material in their respective industries.

For and on behalf of the
Maharashtra Pollution Control Board

(Dr. P. Anbalagan, IAS)
Member Secretary

Balance consent fee of

100000	100150	100150/01	Saktas India Ltd
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Note: Board has balance consent fee of Rs. 3,80,678/- which will be considered during next renewal of consent.

Copy to:

1. Regional Officer -Kolhapur and Sub-Regional Officer- Kolhapur., MPCB, Kolhapur. They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Mumbai.
3. CC/CAC desk- for record & website updation purposes.

Schedule-I

Terms and Conditions for compliance of Water Pollution Control

A) The Applicant shall install the treatment plant (ETP) as provided in the following table and shall operate the ETP to treat the trade effluent so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

B) The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

Sr No.	Parameters	Standards as per EP Act, 1986 (Limiting Concentration in mg/l. except for pH)
01	pH	5.5-9.0
02	Oil & Grease	10
03	BOD (3 days 27°C)	100
04	TAN	50
05	R chloride	2.0
06	Suspended Solids	100
07	COD	250
08	Detergent	2.0

C) The treated trade effluent 50% shall be recycled/reused in the process and remaining shall be send to CETP for further treatment and disposal after confirming the above standards. In no case, at any time the treated effluent shall be used for gardening/on land directly or indirectly.

2) A) As per your application, you have provided septic tank for sewage treatment and overflow of treated sewage mix in trade effluent and treated in ETP.

B) The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards/ prescribed under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

- | | | | | |
|-----|-------------------|---------------|-----|-------|
| (1) | Suspended Solids. | Not to exceed | 100 | mg/l. |
| (2) | BOD 3 days 27°C. | Not to exceed | 100 | mg/l. |

C) The treated sewage shall be disposed on land for gardening after confirming the above standards. There shall not be any discharge directly/indirectly outside the factory premises.

3) In case the treatment system is combined for trade effluent and sewage then the standards and disposal path prescribed at sr. no. 1 B & C of schedule I shall be applicable.

4) The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or and extension or addition thereto.

- 6) The Industry shall ensure replacement of pollution control system or its parts after expiry of its useful life as defined by manufacturer or ensure the compliance of standards and safety of the operation thereof.

Control of Pollution Act, 1977 and as amended, by installing water meters, filling water cool returns in Form-I and other provisions as contained in the said act.

Sl. No.	Description	Water consumption (liters/hrs)
1.	Industrial Cooling, spraying in mine pits or boiler feed	60
2.	Domestic purpose	50
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	1390
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	Nil

- 7) The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines.

Schedule II
 Terms & conditions for issuance of Air Pollution Control

The primary applicant shall comply with the Air Pollution Control (APC) conditions and shall maintain the following standards for Air Pollution Control:

No.	Source	Control Equipments	Capacity	Consumption	Quantity	Cost	
1.	Boiler (8 TPH)	Mechanical Dust collector	50	Agro-waste Briquette	60 Ton/day	0.06	70
2.	Boiler (10 TPH standby)			FO	20 KL/day	4.5	1800
3.	Thermic Fluid Heater	Mechanical Dust collector	52	Agro-waste Briquette	40 Ton/day	0.06	17.24
4.	Thermic Fluid Heater (standby)			FO	20 KL/day	4.5	1800
5.	D.G. Set (1500 KVA)	---	33	HSD	12.96 MT/day	1	259.2
6.	D.G. Set (1010 KVA)	---	33				
7.	D.G. Set (750 KVA)	---	33				
8.	Singeing Unit (2 Nos.)	---	15	LPG	350 Kg/day	---	---
9.	Stenter M/c. (2 Nos.)	---	15				

- The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time / Environmental Clearance / CREP guidelines. (Concern section shall mention specific control equipments)
- The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards:

Particulate matter	Not to exceed	150 mg/Nm ³ .
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- The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement well before its life come to an end or erection of new pollution control equipment.
- The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).

Schedule III
Details of Bank Guarantees

Specialized Cell for (Textile Industries) with Bank Guarantees along with time bound programme for compliance

PG prepared

No.	Category	Description	Amount	Completion Date
1	TWCB	Providing arrangement for treated effluent recycle and reuse at least 50% along with Multiple effect evaporator (MEE)	Rs. 5/- lakhs (to be extended)	30.11.2015
2	THC1	Hazardous Waste as per the HW (M. H & TM) Rules, 2008.		
3	THC1a	Towards storage (proper cover, leachate collection system etc.	Rs. 1/- lakh	Continuous
4	THC1b	Mode of disposal (CHWTSDF, Recycle, Incineration etc)	Rs. 1/- lakh	Continuous
5	THC1c	Maintaining record	Rs. 25,000/-	Continuous
6	TWO1	Towards Operation & Maintenance of the Effluent Treatment Plant to achieve consented standards	Rs. 25/- lakh (to be extended)	Continuous
7	TAO1	Towards Operation and Maintenance of Air Pollution Control Devices to achieve emission standards.	Rs. 5/- lakh	Continuous
8	---	Industry, the byproduct generator, should ensure that all the vehicles used to transport by-product to the vendor industry to be fitted with web based GPS system to record the origin to destination position and shall self monitor the compliance and submit monthly report to the Board.	Rs. 2/- lakh	Continuous
9	---	Industry shall obtain affidavit from vendors stating that the by-product purchased from PP is used as raw material in their respective industries.		
10	---	Industry shall carryout performance audit of the existing ETP from the renowned institute like IIT or NEERI.	Rs. 2/- lakh	31.07.2015

Sl. No.	Description	Particulars	Remarks
11	<p>Industry shall submit the above bank guarantees to the Regional Office, Kolhapur within 15 days which shall be valid for the period upto 31.05.2016.</p> <p>Industry shall submit the above bank guarantees to the Regional Office, Kolhapur within 15 days which shall be valid for the period upto 31.05.2016.</p>		

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General Conditions:

- 1) The applicant shall provide facility for collection of environmental samples and analysis of trade and sewage effluents and process and hazardous waste in the premises of the factory/industry/undertaking in accordance with the conditions stipulated in this behalf.
- 2) Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
- 3) The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
- 4) Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, nearest Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
- 5) The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
- 6) The firm shall submit to this office, the 30th day of September every year, the Environmental Statement Report for the financial year ending 31st March in the prescribed Form-V as per the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992.
- 7) The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the HW(MH&TM) Rules 2008, which can be recycled /processed/reused/recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc should go for that purpose, in order to reduce load on incineration and landfill site/environment.
- 8) The industry should comply with the Hazardous Waste (M,H & TM) Rules, 2008 and submit the Annual Returns as per Rule 5(6) & 22(2) of Hazarsous Waste (M,H & TM) Rules, 2008 for the preceding year April to March in Form-IV by 30th June of every year.
- 9) An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
- 10) The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.**
- 11) Industry shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website(www.mpcb.gov.in).
- 12) The industry shall constitute an Environmental cell with qualified staff/personnel/agency to see the day to day compliance of consent condition towards Environment Protection.
- 13) Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
- 14) Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
- 15) The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution

control system. A register showing consumption of chemicals used for treatment shall be maintained.

16) Conditions for D.G. Set:

- a) Noise from the D.G. Set shall be controlled by acoustic enclosure/ acoustic treatment of the room.
 - b) Industry shall provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 20 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
 - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
 - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
 - f) D.G. Set shall be operated only in case of power failure.
 - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - h) The applicant shall comply with the notification of MoEF dated 17.05.2002 regarding noise limit for generator sets run with diesel.
- 17) The industry should not cause any nuisance in surrounding area.
- 18) The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
- 19) The applicant shall maintain good housekeeping.
- 20) The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a statement on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end, with the Environment Statement.
- 21) The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
- 22) The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipments provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
- 23) The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
- 24) The industry shall submit quarterly statement in respect of industries' obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can be downloaded from MPCB official site).
- 25) The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
- 26) The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification dt. 16.11.2009 as amended.

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