Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

Application for Consent/ Authorisation

Sir,
I/We hereby apply for*

1. Consent to Establish/Operate/Renewal of consent under section 25 and 26 of the Water (Prevention & Control of Pollution) Act, 1974 as amended.

2. Consent to Establish/Operate/Renewal of consent under Section 21 of the Air (Prevention and Control of Pollution) Act, 1981, as amended.

3. Authorization/renewal of authorization under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 in connection with my/our/existing/proposed/altered/ additional manufacturing/processing activity from the premises as per the details given below.

Consent Information

UAN No:
MPCB-CONSENT-0000051296

Application submitted on:
25-06-2018

Industry Information

Consent To:
Renewal (Normal)

IIN No.:

Submit to:
SRO - Kolhapur

Type of institution:
Industry

Industry Type:
R12 Sugar (excluding Khandsari)

Category:
Red

Scale:
L.S.I

EC Reqd.
No

EC Obtained
No

EC Ref. No.
-

Whether construction-buildup area is more than 20,000 sq.mtr.(Existing Expansion Unit)
No

General Information

1. Name, designation, office address with Telephone/Fax numbers, e-mail of the Applicant Occupier/Industry/Institution / Local Body.

Name
Shri. Prakash Shripati Savant

Address
Ganganagar, Ichalkaranji,Tal- Hatkanangale, Dist-Kolhapur

Designation
General Manager

Taluka
Hatkanangale

Area
Ichalkaranji

District
Kolhapur

Telephone
9423869501

Fax
(0230) 2441515, (0230)2441777-80

Email
vikas.ingrole@renukasugars.com

Pan Number
AADCS1728B

2. (a) Name and location of the industrial unit/premises for which the application is made (Give revenue Survey Number/Plot number name of Taluka and District, also telephone and fax number)

Industry name

Shree Renuka Sugars Ltd. Unit. DB.R.K. Panchaganga SSK.Ltd.Ganganagar,Ichalkaranji

Location of Unit

Kabnoor

Survey number/Plot Number

29

Taluka

Hatkanangle

District

Kolhapur

(b) Details of the planning permission obtained from the local body/Town and Country Planning authority/Metropolitan Development authority/ designated Authority.

Planning permission

NOC from Local Body

Planning Authority

Gram Panchayat Kabnoor

Name of the local body under whose jurisdiction the unit is located and Name of the licence issuing authority

Name of Local Body

Gram Panchayat, Kabnoor.

Name of the licence issuing authority

Gram Panchayat, Kabnoor.

3. Names,addresses with Telephone and Fax Number of Managing Director / Managing Partner and officer responsible for matters connected with pollution control and/or Hazardous waste disposal.

Name of Managing Director

Shri. Prakash Shripati Savant

Telephone number

02302441777

Fax number

02302441515

Officer responsible for day to day business

Sr. Officer EHS

4. (a.) Are you registered Industrial unit ?

Yes

Registration number

G.272 Dt.01/10/1955. IEM No. 9102/SIA/IMO/2008 Dt.07/07/2008

Date of registration

Oct 1, 1955

5. Gross capital investment of the unit without depreciation till the date of application (Cost of building, land, plant and machinery). (To be supported by an affidavit/undertaking on Rs.20/- stamp paper, annual report or certificate from a Chartered Accountant for proposed unit(s), give estimated figure)

Gross capital (in Lakh)	**** Verified***	**** Consent Fee***
22373.90	CA Certificate	447478.00

6. If the site is located near sea-shore/river bank/other water bodies/Highway, Indicate the crow fly distance and the name of the water body, if any.

Distance From	***Distance(Km)***	**** Name***
SH/NH	4.00	Kolhapur-Ichalkaranji Road
River	9.00	Panchaganga
Human Habitation	0.00	--NA--
Religious Place	40.00	Maha Laxmi Temple
Historical Place	0.00	--NA--
Creek/Sea	0.00	--NA--

6b. Enter Latitude and Longitude details of site

Latitude

16.700012

Longitude

74.466688

7. Does the location satisfy the Requirements Under relevant Central/State Govt. Notification such as Coastal Regulation Zone. Notification on Ecologically Fragile Area, Industrial Location policy, etc. If so, give details.

Location	Approved Industry Area	Sensitive Area	If Yes, Name Of Area	Industry Location with Reference to CRZ
NA	No	No	NA	

8. If the site is situated in notified industrial estate,

		Details
(a) Whether effluent collection, treatment and disposal system has been provided by the authority.	No	NA
(b) Will the applicant utilize the system, if provided.	No	NA
(c) If not provided, details of proposed arrangement.	NA	

9.

(a) Total plot area (in squear meter)	(b) Built up area and (in squear meter)	(c) Area available for the use of treated sewage/ trade effluent for gardening/irrigation. (in squear meter)
59.4	20.57	38.21

10. Month and year of commissioning of the Unit.

1955-10-01

11. Number of workers and office staff

Workers	staff	Hrs. of shift	Weekly off
429	209	8	Sunday

12.

(a) Do you have a residential colony Within the premises in respect of Which the present application is Made ?	Yes	Residential Colony for industry employee

(b) If yes, please state population staying

Number of person staying	Water consumption	Sewage generation	Whether is STP provided?
	9	7	No

(c) Indicate its location and distance with reference to plant site.

Number of person staying	Water consumption
Ganganagar, Ichalkaranji.	0.7

13. List of products and by-products Manufactured in tonnes/month, Kl/month or numbers/month with their types i.e.Dyes, drugs etc. (Give figures corresponding to maximum installed production capacity

Products Name and Quantity

Product Name	UOM	Product Name	Existing	Consented	Proposed Revision	Total	Remarks
Sugar (excluding Khandsari)	MT/M	Sugar	15663	19000	0	19000	
Sugar (excluding Khandsari)	MT/M	Molasse	5368	6000	0	6000	

Sugar (excluding Khandsari)	MT/M	Pressmud	3774	7000	0	7000
Sugar (excluding Khandsari)	MT/M	Baggasse	33650	47000	0	47000
Thermal Power Plants	MW	Electric Power (Co-generation)	15	30	0	30

Products Name and Quantity

Product Name	*UOM*	*Quantity*	*Remarks*
Molasse	MT/M	6000	By product of Sugar
Pressmud	MT/M	7000	By product of Sugar
Baggase	MT/M	47000	By product of Sugar

14. List of raw materials and process chemicals with annual consumption corresponding to above stated production figures, in tonnes/month or kl/month or numbers/month.

Name of Raw Material	*UOM*	*Quantity*	*Hazardous Waste*	*Hazardous Chemicals*	*Remarks*
Lime	MT/M	248	No	No	Raw Material for Sugar
Sulphur	MT/M	72	No	No	Raw Material for Sugar
Ortho Phosphoric Acid	MT/M	5	No	No	Raw Material for Sugar
Sugar Cane	MT/M	119839	No	No	Raw Material for Sugar
Oil & Grease	MT/M	2.5	No	No	Raw Material for Mill lubrication
Baggasse	MT/M	33650	No	No	Raw Material (Fuel) for Boiler

15. Description of process of manufacture for each of the products showing input, output, quality and quantity of solid, liquid and gaseous wastes, if any from each unit process.

Enclosed as Annexure I

Part B : Waste Water aspects

16. Water consumption for different uses (m3/day)

Purpose	*Consumption*	*Effluent Generation*	*Treatment*	*Remarks*	*Disposal*	*Remarks*
Domestic Pourpose	80	50	Septic Tank & Soak Pit	septic Tank & Soak Pit	On Land for Gardening	septic Tank & Soak Pit
Water gets Polluted & Pollutants are Biodegradable	600	500	Primary + Secondary	On land for gardening & irrigation	On Land for Gardening	On land for gardening & irrigation
Water gets Polluted,Pollutants are not Biodegradable & Toxic	0	0	--NA--	NA	--NA--	0
Industrial Cooling,spraying in mine pits or boiler feed	1042	80	Primary	NA	Others	0
Others	NA					

17. Source of water supply, Name of authority granting permission if applicable and quantity permitted.

Source of water supply	***Name of authority granting permission***	***Qauntity permitted***
Panchaganga River	Irrigation Dept.Maharashtra State	1772

18. Quantity of waste water (effluent) generated (m3/day)

Domastic	***Boiler Blowdown***	***Industrial***	***Cooling water blowdown***
50	20	500	60
Process	***DM Plants/Softening***	***Washing***	***Tail race discharge from***
0	0	0	0

* 19. Water budget calculations accounting for difference between water consumption and effluent generated.

Enclused as an Annexure II

20. Present treatment of sewage/canteen effluent (Give sizes/capacities of treatment units).

Capacity of STP (m3/day)

0

Treatment unit	***Size (mxm)***	***Retention time (hr)***
Septic Tank & soak pit	56	3

21. Present treatment of trade effluent (Give sizes/capacities of treatment units) (A schematic diagram of the treatment scheme with inlet/outlet characteristics of each unit operation/process is to be provided. Include details of residue Management system (ETP sludges)

Capacity of ETP (m3/day)

750

Treatment unit	***Size (mxm)***	***Retention time (hr)***
Oil and Grease Chember	25.6	0.81
Equalization Tank/Anaerobic Tank	6288	201
Aeration Tank	4320	138.24
Secondry Clarifier	330	10.56
Sludge Drying Bed	280	8.96
15 Days Holding Tank	7644	244.6
Air Blower (Old)	700	29
Air Blower (New)	300	12.5

22.

(i) Are sewage and trade effluents mixed together?	No
If yes, state at which stage-Whether before, intermittently or after treatment.	NA

23. Capacity of treated effluent sump, Guard Pond if any.

Capacity of treated effluent sump (m3)	1200 M3 & 15 Days Storage capacity 7644 M3	
Effluent sump/Guard pond details	Yes	Treated Effluent sump being used if ,there is no demand of farmers.
If yes, state at which stage-Whether before, intermittently or after treatment.	Yes	After treated effluent sump being used if ,there is no demand of farmers.

24. Mode of disposal of treated effluent With respective quantity, m3/day

(i) into stream/river (name of river)	00	***(ii) into creek/estuary (name of Creek/estuary)***	00
(iii) into sea	00	***(iv) into drain/sewer (owner of sewer)***	00
(v) On land for irrigation on owned land/ase land. Specify cropped area.	On land for own gardening.	***(vi) Connected to CETP***	NA
(vii) Quantity of treated effluent reused/ recycled, m3/day Provide a location map of disposal arrangement indicating the outler(s) for sampling. Treated effluent reused / recycled (m3/day)	00		

25. (a) Quality of untreated/treated effluents (Specify pH and concentration of SS, BOD,COD and specific pollutants relevant to the industry. TDS to be reported for disposal on land or into stream/river.

Untreated Effluent

pH	5.2
SS (mg/l)	480
BOD (mg/l)	1156
COD (mg/l)	2400
TDS (mg/l)	2312

Specific pollutant if any	***Name***	***Value***
1	NA	NA

Treated Effluent

pH	7.2
SS (mg/l)	32
BOD (mg/l)	59
COD (mg/l)	184
TDS (mg/l)	2100

Specific pollutant if any	***Name***	***Value***
1	NA	NA

(b) Enclose a copy of the latest report of analysis from the laboratory approved by State Board/ Committee/Central Board/Central Government in the Ministry of Environment expected characteristics of the untreated/treated effluent

Encosed as an Annuxure III

26. Fuel consumption

Fuel Type	***UOM***	***Fuel Consumption TPD/LKD***	***Calorific value***
Bagasse	MT/Day	1527	2250
Ash content	***Sulphur content***	***Quantity***	***Other (specify)***
1	0.02	1	NA

27. (a) Details of stack (process & fuel stacks: D. G.)

(a) Stack number(s)	***(b) Stack attached to***	***(c) Capacity***	***(d) Fuel Type***

1	Boiler (ESP)	140	Baggase
(e) Fuel quantiy (Kg/hr.)	***(f) Material of construction***	***(g) Shape (round/rectangular)***	***(h) Height, m (above ground level)***
63.62	RCC	Round	75
(i) Diameter/Size, in meters	***(j) Gas quantity, Nm3/hr.***	***(k) Gas temperature °C***	***(l) Exit gas velocity, m/sec.***
4.43	248750	158	6.5
(m) Control equipment preceding the stack	***(n) Nature of pollutants likely to present in stack gases such as CI2, Nox, Sox TPM etc.***	***(o) Emissions control system provided***	***(p) In case of D.G. Set power generation capacity in KVA***
ESP	SPM	YES	1010 KVA 2 Nos.

27. (B) Whether any release of odoriferous compounds such as Mercaptans, Phorate etc. Are coming out from any storages or process house.

NA

28. Do you have adequate facility for collection of samples of emissions in the form of port holes, platform, ladder\etc. As per Central Board Publication “Emission regulations Part-III” (December, 1985)

Poart hole	Yes	***Details***	Arranged at Stack
Platform	Yes	***Details***	Platform Arranged
Ladder	Yes	***Details***	Ladder Installed at Stack

29. Quality of treated flue gas emissions and process emissions. Quantity of treated flue gas emissions and process emissions.

Sr. No.	***Stack attached to***	***Parameter***	***Concentration mg/Nm3***	***flow (Nm3/hr)***
1	Boiler	SPM	82	248750

(Specify concentration of criteria pollutants and industry/process-specific pollutants stack-wise. Enclose a copy of the latest report of analysis from the laboratory approved by State Board/Central Board/ Central Government in the Ministry of Environment & Forests. For proposed unit furnish expected characteristics of the emissions..

Enclosed as an Annuxure IV

Part - D: Hazardous Waste aspect

30. Information about Hazardous Waste Management as defined in Hazardous Waste (Management & Handling) Rules, 1989 as amended in Jan.,2000. Type/Category of Waste as per

Waste (Annually) Schedule I

Cat No	***Type***	***Qty***	***Min***
5.1	5.1 Used or spent oil	2.5	
Max	***Method of collection***	***Method of reception***	***Method of storage***
	Normal	Normal	Closed Drum
Method of transport	***Method of treatment***	***Method of disposal***	
Manually	NA	Burned in our own boiler as fuel.	

Waste (Annually) Schedule II

31. Details about use of hazardous waste

Name of hazardous waste/Spent chemical	***Quantity used/month***	***Party from whom purchased***	***Party to whom sold***
NA	0	NA	NA

32.

a. Details about technical capability and equipments available with the applicant to handle the Hazardous Waste

NA

b. Characteristics of hazardous waste(s) Specify concentration of relevant pollutants. Enclose a copy of the latest report of analysis from the laboratory approved by State Board/Central Board/Central Govt. in the ministry of Environment & Forests. For proposed units furnish expected characteristics

NA

33.

Copy of format of manifest/record Keeping practiced by the applicant.

NA

34.

Details of self-monitoring (source and environment system)

NA

35.

Are you using any imported hazardous waste. If yes, give details.

No

36.

Copy of actual user Registration/certificate obtained from State Pollution Control Board/Ministry of Environment & Forests, Government of India, for use of hazardous waste.

NA

37.

Present treatment of hazardous waste, if any (give type and capacity of treatment units)

NA

38. Quantity of hazardous waste disposal

(i) Within factory

0.5

(ii) Outside the factory (specify location and enclose copies of agreement.)

0

(iii) Through sale (enclosed documentary proof and copies of agreement.)

0

(iv) Outside state/Union Territory, if yes particulars of (1 & 3) above.

0

(v) Other (Specify)

0

Part - E: Additional information

39.

a. Do you have any proposals to upgrade the present system for treatment and disposal of effluent/emissions and/or hazardous waste.

Reduction in Waste Water Generation Trough in Plan Control measures.

b. If yes, give the details with time- schedule for the implementation and approximate expenditure to be incurred on it.
NA

40.

Capital and recurring (O & M) expenditure on various aspect of environment protection such as effluent, emission, hazardous waste, solid waste, tree- plantation, monitoring, data acquisition etc. (give figures separately for items implemented/to be implemented).
in lac capital and recurring ETP 84.15 and 8.64 Air Emission 48 & 0.5, Solid Waste 3.00 & 0.20

41.

To which of the pollution control equipment, separate meters for recording consumption of electric energy are installed ?
Yes, separate energy meters is already provided.

42.

Which of the pollution control items are connected to D.G. Set (captive power source) to ensure their running in the event of normal power failure
ETP having Equalization Tank, Aeration Tank, Secondary Clarifier and treated water sump etc.

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43. Nature, quantity and method of disposal of non- hazardous solid waste generated separately from the process of manufacture and waste treatment. (Give details of area/capacity available in applicant's land)

Type	*Quantity*	*UOM*	*Treatment*	*Disposal*	*Other Details*
Boiler Ash	21	MT/Day	NA	Ash Collected and sold to Brick Manufacture and compost production	NA

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44. Hazardous Chemicals – Give details of Chemicals and quantities handled and Stored.

(i) Is the unit a Majot Accident Hazard unit as per Mfg.Storage Import Hazardous Chemicals Rules ?
NA

(ii) Is the unit an isolated storage as defined under the MSIHC Rules ?
NO

(iii) Indicate status of compliance of Rules 5,7,10,11,12,13 and 18 of the MSIHC Rules.
NO

(iv) Has approval of site been obtained from the concerned authority?
NA

(v) Has the unit prepared an off-site Emergency Plan? Is it updated ?
Yes

(vi) Has information on imports of Chemicals been provided to the concerned authority?
NA

(vii) Does the unit possess a policy under the PLI Act?
NA

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45. Brief details of tree plantation/green belt development within applicant's premises (in hectors)

Open Space Availability	*Plantation Done On*	*Number of Trees Planted*
186157 Square meter	89000 Square meter(48 %)	1750

46.

Information of schemes for waste Minimization, resource recovery and recycling - implemented and to be implemented, separately.
Colling water, Compressor Cooling, DC moter, Bearing etc.

47.

(a) The applicant shall indicate whether Industry comes under Public Hearing, if so, the relevant documents such as EIA, EMP, Risk Analysis etc. shall be submitted, if so, the relevant documents enclosed shall be indicated accordingly.

NA

(b) Any other additional information that the applicants desires to give

NO

(c) Whether Environmental Statement submitted ? If submitted, give date of submission.

YES, 12/06/2018

48.

I/We further declare that the information furnished above is corect to the best of my/our knowledge.

49.

I/We hereby submit that in case of any change from what is stated in this application in respect of raw materials, products, process of manufacture and
treatment and/or disposal of effluent, emission, hazardous wastes etc. In quality and quantity; a fresh application for Consent/Authorization shall be made and
until the grant of fresh Consent/Authorization no change shall be made.

50.

I/We indertake to furnish any other information within one month of its being called by the Board

Yours faithfully

Signature :
Name : SHRI.PRAKASH SHRIPATI SAVANT
Designation : GENEARL MANAGER

Additional Information

Air Pollution

Sr No.	*Air Pollution Source*	*Pollutants*	*APCS Provided*	*Remark*
1	Boiler Stack	SPM	YES (ESP)	ESP for APCS is already provided

Separate EM Provided	Yes	***Other Emission Sources***	NA
Measures Proposed	No	***Foul Smell Coming Out***	No
Air Sampling Facility Details	port holes		

D.G. Set Details

Description	*Capacity(KVA)*	*Remarks*
DG sets	1010	DG sets provided in case of emergency of lighting

Hazardous Waste Generation

Hazardous Waste	*Quantity*	*UOM*	*Treatment*	*Disposal*	*Other Details*
5.1 Used /spent oil	2.5	MT/A	NA	Burned in our own boiler as a fuel	NA

5.2 Wastes/residue containing oil	2.5	MT/A	NA	Burned in our own boiler as a fuel	NA

CHWTSDF Details

Member of CHWTSDF	CHWTSDF Name	Remarks

Cess Details

Cess Applicable	Cess Paid	If Yes, UpTo
Yes	Yes	Apr 30 2018 12:00:00:000AM

Legal Actions

Legal Action Taken	Legal Record Of Company	Legal Action Details	Remarks
No			

MAHARASHTRA POLLUTION CONTROL BOARD

Grams : " PREPOLL'
Tel. : 269 2345 (4 Lines).
: 261 4459/261 4348.
Fax : 022 - 261 2120.

Shri Chhatrapati Shivaji Maharaj
Municipal Market Bldg., 4th Floor,
Mata Ramabai Ambedkar Marg,
Mumbai : 400 001.

RED/LSI

Consent No.BO/KOLHAPUR- 62 /AI /CC- 622. Date: 08.11.2000.

Consent to Establish / Operate under Section 25 / 26 of The Water (Prevention and Control of Pollution) Act, 1974; under Section 21 of the The Air (Prevention and Control of Pollution) Act, 1981 and Authorisation / Renewal of Authorisation under Rule 5 of The Hazardous Wastes (Management and Handling) Rules, 1989.
[To be referred as Water Act, Air Act and HW(M&H)Rules respectively].

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Consent is granted to
M/s. Deshbhakta Ratnappanna Kumbhar Sahakari Sakhar Karkhana Limited, Ganganagar, Ichalkaranji, Dist. Kolhapur,
located in the area declared under the provisions of The Water/Air Act and authorisation under the provisions of HW (M&H) Rules subject to the provisions of the Act and the Rules and the Orders that may be made further and subject to the following terms and conditions:-

1. The Consent to Operate is granted for a Period upto 31-12-2003.

(i) The validity of the authorisation granted under HW (M&H) Rules, 1989, however, will be valid for a period of 2 years from the date of issue, after which the industry shall submit a fresh application for authorisation.

2. The Consent is valid for the manufacture of :-

Sr.No.	Product	Maximum Quantity
1)	Sugar	19,000 MT/Month.
2)	Molasses	6,000 MT/Month.
3)	Bagasse	47,000 MT/Month.

3. CONDITIONS UNDER WATER ACT:

(i) The daily quantity of trade effluent from the factory shall not exceed 1500.0 m3.

(ii) The daily quantity of sewage effluent from the factory shall not exceed 250.0 m3.

(iii) Trade Effluent:-

Treatment :- The applicant shall provide comprehensive treatment system consisting of Primary/Secondary and/or Tertiary treatment as is warranted with reference to influent quality and operate and maintain the same continuously so as to achieve the quality of the treated effluent to the following standards:-

(1)	pH	Between 5.5 to 9.0
(2)	Suspended Solids	Not to exceed 200 mg/l.
(3)	BOD 3 days 27 deg C	Not to exceed 100 mg/l.
(4)	Oil & Grease	Not to exceed 10 mg/l.
(5)	Total Dissloved Solids	Not to exceed 2100 mg/l.
(6)	Sulphates	Not to exceed 1000 mg/l.
(7)	Chlorides	Not to exceed 600 mg/l.

(iv) Trade Effluent Disposal:- The treated effluent shall be used on land for gardening/irrigation only.

(v) Sewage Effluent Treatment:- The applicant shall provide comprehensive treatment system as is warranted with reference to influent quality and operate and maintain the same continuously so as to achieve the quality of treated effluent to the following standards:-

Suspended Solids	Not to exceed 100 mg/l.
B.O.D. 3 days 27 deg C	Not to exceed 100 mg/l.

(vi) Sewage Effluent Disposal: The treated effluent shall be used on land for gardening/irrigation only.

(vii) Non-Hazardous solid waste:

Type of Waste	Quantity	Treatment	Disposal
Boiler Ash	9 MT/Year	---	Composting

(viii) Other Conditions:-

1] The molasses shall be properly collected and stored in steel tanks which shall be absolutely leak proof. At no stage of handling of molasses, there shall be leakage or spillage.

2] The capacity of tanks for storage of molasses shall be such that at no time the molasses shall be required to be stored in kutcha pits. Adequate space storage capacity shall be available to take care of bumper production of sugar, non-lifting of molasses etc.

3] All the area on which molasses are stored and handled should be provided with drain for diverting the spills to the treatment plant/molasses tank. Suitable arrangements for accidental discharges of molasses from the tanks shall be provided to contain the same within factory premises.

4] Destruction of molasses and its disposal shall not be done without specific permission in writing from the authorised officer of the Board, intimation of intention to destroy or dispose of the molasses shall be given to the Board atleast 15 (fifteen) days in advance by registered post under intimation to the Sub-Regional Officer and Regional Officer of the Board under whose jurisdiction the factory is situated.

5] The storage tanks shall be kept in good conditions all the year round with adequate maintenance. The tanks size and capacity per cm, height, total capacity in tonnes shall be displayed prominently near the tank.

6] The above conditions shall be in additon to and not in derogation of the provisions contained in the "Bombay Molasses Rules, 1955" and "Maharashtra Molasses Storage and Supply Regulation., 1965

7] The industry should monitor effluent quality regularly.

4. The applicant shall comply with the provisions of The Water Prevention and Control of Pollution) Cess Act, 1977 [to be referred as Cess Act] and Rules thereunder:

"The industry falls in the 15th Category of the Cess Act and the Rules made thereunder.

The daily water consumption for the following catego[[Rs is as under:

(i)	Domestic	...	300.0 CMD
(ii)	Industrial Processing	...	1700.0 CMD
(iii)	Industrial Cooling	...	- CMD
(iv)	Agriculture/Gardening	...	- CMD

The applicant shall regularly to the Board the returns of water consumption in the prescribed form and pay the cess as specified under Section 3 of the said Act.

5. CONDITIONS UNDER AIR ACT:

(i) The applicant shall install a comprehensive control system consisting of control equipments as is warranted with reference to generation of emissions and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards:-

Control Equipments:-
Fly ash arrestor of adequate capacity to all boilers.

Standards for Emissions of Air Pollutants:

(i)	SPM	...	Not to exceed 150 mg/Nm3.
(ii)	SO2	...	Not to exceed 120 Kg/hr.

(ii) The applicant shall observe the following fuel patterns:-

Sr.No.	Type of Fuel	Quantity
1)	Bagasse	1250 MT/day

(iii) The applicant shall erect the chimney/(s) of the following specifications:-

Sr.No.	Chimney attached to	Volume [Nm3/hr.]	Height in Mtrs
1)	Boiler	--	33.5
2)	Boiler	--	30.0
3)	Boiler	--	30.0
4)	Boiler	--	25.0

(iv) 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 chinmeny/(s) vents attached to various sources of emission shall be designed by numbers such as S-1, S-2, etc. and these shall be painted/displayed to facilitate identification.

(v) The industry shall take adequate measures for control of noise levels from its own sources within the premises 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.

(vi) Other Conditions :
1] The industry should not cause any nuisance in surrounding area. 2] The industry should monitor stack emissions and ambient air quality regularly. 3] The industry should comply with Bombay Smoke-Nuisance Act, 1912.

6. CONDITIONS UNDER HW (M&H) RULES, 1989:

(i) The applicant shall handle hazardous wastes as specified below:-

Sr.No.	Category Waste	Type of Waste	Quantity	Disposal
1.	No.10	Oil & Grease	5 MT/Y.	Burnt in Boiler.
2.	No.12	ETP Sludge	2.5 MT/Y.	Composting

(ii) Treatment:

(iii) The authorisation is hereby granted to operate a facility for collection, storage, transport and disposal of hazardous waste.

(iv) The industry should comply with the Hazardous Waste (Management and Handling) Amendment Rules, 2000.

7. Whenever due to any accident or other unforseen act or event, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith reported to Board, concerned Police Station, Office of Directorate, 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.

8. The applicant shall comply with the Conditions as stipulated under Annexure-I & II enclosed.

This is issued pursuant to the decision of the Consent Appraisal Committee of the Board in its meeting held on 30-05-2000.

(K.H. MEHTA)
Member Secretary

To

The Applicant,
M/s. Deshbhakta Ratnappanna Kumbhar Sahakari Sakhar Karkhana Limited, Ganganagar, Ichalkaranji, Dist. Kolhapur.

Copy forwarded with compliments to:
1] The Collector, Kolhapur District.

Copy to:
1] Regional Officer, MPCB, Kolhapur.
2] Sub-Regional Officer, MPCB, Sangli.
3] Chief Accounts Officer, MPCB, Mumbai.
Consent fee received vide -

	D.D.No.	Date	Drawn on
Rs.40,000/-	645140	14-12-1999	State Bank of India

4] Cess Wing 5] Master file.

Rs 20,000 DD No. 063234 Date 1-12-00 Bank SBI