**Manufacturing Process for Sugar**

Matured, clean and fresh cut sugar cane from the field of cultivators is brought by bullock carts, trucks & tractor trolleys to sugar factory site. It is weighted on the electronic platform type weigh bridge. The carts, trucks & trolleys are unloaded into cane carrier by mechanical unloader. The cane is cut into small fine pieces by means of chopper, leveler, cutter & fibrizor called the cane preparatory devices. The prepared cane is then crushed by five or six mill tandem. The imbibitions hot water is added before last mill for better extraction of juice. The all juice extracted is screened through DSM or rotary screen, weighted by mass flow matter and sent to boiling house for further processing. The last mill bagasse, which is a byproduct, is used for co-gen boiler as a fuel. Saved bagasse shall also be used for co-generation in the off-season.

The weighed and mixed juice is heated upto 70° C to 75° C in juice heater and sent to reaction tank where same is treated with milk of lime and SO$_2$ gas and the pH is kept as 7 to 7.1. This sulphured juice is again heated up to 100° C to 105° C in juice heater and sent to clarifier for sedimentation. Here, clear juice and precipitated non-sugars, organic & inorganic chemicals are separated which are called mud of the clarifier. The mud is filtered by means of vacuum filter unit where sugary filtrate and press cake (pressmud) are separated. The filtrate is reprocessed and pressmud, which is a by-product, is used as manure in the cane cultivators’ field.

The clear juice from clarifier having 95° C temperature is heated to 112° C to 115° C in the juice heater and taken to evaporator set where 16° Brix juice is concentrated up to 60° Brix syrup. Thereafter, it is again treated with SO$_2$ gas and finally sulphured syrup is sent to pan floor supply tanks. At pan section, 3 masssecuite boiling system or 3.5 masssecuite boiling is adopted accordingly to purities of basic products.

1. A Masssecuite – Syrup + Melt + A light + Dry seed or B seed
2. B Masssecuite – A Heavy + B Grain
3. C Masssecuite – B Heavy + C Light + C Grain

Slurry is used for B & C grain preparation. After boiling masssecuite in the vaccum pans, it is discharged in the crystallizers for maturation and cooling purpose. The cooled A, B, C masssecuite are then taken for separation of sugar and mother liquor through continuous high speed and batch type automatic three speed machines. Thus, all mother liquors, B sugar and C sugar are taken form reprocess and the white sugar is taken from drying and cooling through hoppers and elevators to grader where 1.30, M30 & S30 sugar is separated. The dust is taken for reprocess. C mass mother liquor is called final molasses which is a byproduct that is sold for distilleries. It could be consumed in own distillery also for production of alcohol, ENA & ethanol. The above graded white sugar is taken to silo and then it is filled in bags after weighing (50 Kg net wt.) and same are sent to go downs for storage.
Manufacturing Process for Co-generation Plant

Cogeneration is broadly defined as the coincident generation of useful thermal energy and electrical power from the same input fuel. Thus, cogeneration can allow the energy consumers to lower their energy costs, through use of the energy normally wasted in conventional systems as losses. The useful thermal energy could be in the form of hot gases, hot liquids or steam; generally used for meeting the process and or heating requirements. When the thermal energy is required in the form of steam, industries employ steam boilers for raising the required steam at the required pressure and temperatures, suitable for the process.

Under proposed expansion project of sugar factory, 7500 TCD of cane crushing shall be done in 24 hours (i.e.) 312.50 TCH. The proposed co-gen plant is sized considering operation at 7500 TCD crushing capacity at present. The power distribution system has also been sized to meet with the power requirement at 7500 TCD crushing level. The steam and power requirement of the distillery will be supplied from the TG extractions of the new high pressure co-generation plant. Accordingly, the boiler capacity of the high pressure cogeneration plant is selected.

The proposed cogeneration power export scheme for the D.B.R.K. SSKL, Kolhapur plant, consist of a single boiler of 140 TPH capacity. The proposed system is capable of operating during the sugar off-season with bought out bagasse / biomass fuels/ cane trash etc. and the bagasse that is saved during the seasonal operation of the plant.
To,
M/s. Shree Renuka Sugars Ltd.,
(Unit DRK Panchganga SSK Ltd.),
Ganganagar, Ichalkaranji, Tal. Hatkanangale,
Dist. Kolhapur.

Subject : Renewal of Consent to Operate of 5000 TCD Sugar & 30 MW Co-generation unit with reduced CI under RED category.

2. Minutes of CAC meeting held on 03.11.2015.

Your application: CR1508000199.
Dated: 03/07/2015.

For: Renewal of Consent to Operate of 5000 TCD Sugar & 30 MW Co-generation unit with reduced CI under RED category, under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 5 of the Hazardous Wastes (M, H & 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:

1. The consent is granted for a period from 01.10.2015 to 31.07.2016.
2. The actual total investment of the industry is Rs. 161.00 Cr.
(As per C. A. Certificate submitted by industry)
3. The Consent is valid for the manufacture of –

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Product / By-Product Name</th>
<th>Maximum Quantity in MT/M</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Sugar</td>
<td>19000</td>
</tr>
<tr>
<td>2</td>
<td>Molasses</td>
<td>6000</td>
</tr>
<tr>
<td>3</td>
<td>Pressmud</td>
<td>7000</td>
</tr>
<tr>
<td>4</td>
<td>Bagasse</td>
<td>47000</td>
</tr>
<tr>
<td>5</td>
<td>Electric Power (Cogeneration)</td>
<td>30 MW</td>
</tr>
</tbody>
</table>

(The cane crushing Capacity of Sugar Industry shall not exceed 5000 TCD)

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

<table>
<thead>
<tr>
<th>Sr. no.</th>
<th>Description</th>
<th>Permitted quantity of discharge (CMD)</th>
<th>Standards to be achieved</th>
<th>Disposal</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Trade effluent</td>
<td>580 (Sugar 500 + Co-gen 80)</td>
<td>As per Schedule -1</td>
<td>80 CMD 100% recycle &amp; 500 CMD on land for irrigation</td>
</tr>
<tr>
<td>2</td>
<td>Domestic effluent</td>
<td>200</td>
<td>As per Schedule -1</td>
<td>On land for irrigation</td>
</tr>
</tbody>
</table>
5. Conditions under Air (P& CP) Act, 1981 for air emissions:

<table>
<thead>
<tr>
<th>Sr. no.</th>
<th>Description of stack / source</th>
<th>Number of Stack</th>
<th>Standards to be achieved</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Boiler (140 TPH)</td>
<td>1</td>
<td>As per Schedule – II</td>
</tr>
<tr>
<td>2</td>
<td>DG Set 1010 KVA (2 nos.)</td>
<td>1 each</td>
<td>As per Schedule – II</td>
</tr>
</tbody>
</table>

6. Conditions under Hazardous Waste (M, H & T M) Rules, 2008 for treatment and disposal of hazardous waste:

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Type of Waste</th>
<th>Category</th>
<th>Quantity</th>
<th>UOM</th>
<th>Disposal</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Used /Spent Oil</td>
<td>5.1</td>
<td>2.5</td>
<td>MT/A</td>
<td>Reuse in own boiler as fuel</td>
</tr>
<tr>
<td>2</td>
<td>Wastes/residue containing Oil</td>
<td>5.2</td>
<td>2.5</td>
<td>MT/A</td>
<td></td>
</tr>
</tbody>
</table>

7. Non-Hazardous Solid Wastes:

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Type of Waste</th>
<th>Quantity</th>
<th>UOM</th>
<th>Treatment</th>
<th>Disposal</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Fly/Boiler Ash</td>
<td>21.16</td>
<td>MT/D</td>
<td>-</td>
<td>Landfill/Sale to Bricks manufacturers and used for compost production.</td>
</tr>
<tr>
<td>2</td>
<td>Sludge from waste water treatment</td>
<td>2.5</td>
<td>MT/Y</td>
<td>-</td>
<td>Use as manure</td>
</tr>
</tbody>
</table>

8. This 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 agencies.

10. Industry shall comply the directions issued by CPCB for online monitoring system.

11. Consent is issued without prejudice to the directions issued and being issued by CPCB.

For and on behalf of the
Maharashtra Pollution Control Board

(Dr. P. Anbalagan, IAS)
Member Secretary

Received Consent fee of –

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Amount (Rs.)</th>
<th>DD. No.</th>
<th>Date</th>
<th>Drawn On</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Rs. 9,66,100/-</td>
<td>006518</td>
<td>19.06.2015</td>
<td>Axis Bank.</td>
</tr>
</tbody>
</table>

Industry has paid above mentioned fees for the period upto 30.09.2018, however Board has granted Consent for the period up to 31.07.2016, hence fees of Rs. 6,97,660/- is balance with the Board & same will be considered during next Renewal of Consent.

Copy to:

1. Regional Officer – MPCB Kolhapur & Sub -Regional Officer – Kolhapur, MPCB, 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

I) Terms & Conditions for compliance of Water Pollution Control

1) A] As per your application, you have not provided Effluent Treatment Plant

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.

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Parameters</th>
<th>Standards prescribed by Board Limiting Concentration in mg/l, except for pH</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>pH</td>
<td>5.5-9.0</td>
</tr>
<tr>
<td>02</td>
<td>Oil &amp; Grease</td>
<td>10</td>
</tr>
<tr>
<td>03</td>
<td>BOD (3 days 27oC )</td>
<td>100</td>
</tr>
<tr>
<td>04</td>
<td>Sulphate</td>
<td>1000</td>
</tr>
<tr>
<td>05</td>
<td>Suspended Solids</td>
<td>100</td>
</tr>
<tr>
<td>06</td>
<td>COD</td>
<td>250</td>
</tr>
<tr>
<td>07</td>
<td>Chloride</td>
<td>600</td>
</tr>
<tr>
<td>08</td>
<td>Total Dissolved Solids</td>
<td>2100</td>
</tr>
</tbody>
</table>

C] The treated effluent 500 CMD of Sugar unit shall be disposed on land for irrigation on 90 acres of own land /as per the bilateral agreement with farmers. In no any case treated/untreated effluent shall find its way outside the factory premises directly or indirectly.

D] Trade effluent of 80 CMD of Co-gen unit shall be 100% recycle in process.

E] CREP conditions for Sugar Factory
   i. Operation of ETP shall be started at least one month before starting of cane crushing to achieve desired MLSS. So as to meet prescribed standards from day one the operation of mill.
   ii. Waste water generation shall be maintained as 100 liters per ton of cane crushed.
   iii. Industry shall achieve zero discharge into in land surface water bodies.
   iv. 15 days storage capacity tank shall be provided for treated effluent to take care of no demand for irrigation.

F] Industry shall maintain properly the arrangement provided for covering the effluent collection system and to avoid the ingress of Bagasse other material.

G] The unit shall operate ETP even after completion of the crushing season so that any effluent generated during washing & maintenance is discharged after proper treatment.

H] The unit shall optimize water use in industrial process & maintain records of water consumption & waste water generation.

2) A] As per your consent application, for the 200 CMD sewage generation you have provided septic tank & soak pit for the treatment of sewage.

B] The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards.

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/irrigation.
3) The industry shall have bilateral agreement with the farmers on whose land the treated effluent is used for irrigation purposes and a copy of the agreements with validity shall be submitted to the Regional/Sub-Regional Office of the Board.

4) The industry shall create Environmental Cell by appointing an Environmental Engineer, Chemist and Agriculture expert for looking after day to day activities related to Environment and irrigation field where treated effluent is used for irrigation.

5) CONDITIONS FOR MOLASSES STORAGE:

(i) The molasses shall be properly collected and stored in steel tanks which shall be leak-proof. At no stage of handling of molasses, there shall be leakage or spillage.

(ii) The capacity of tanks for storage of molasses shall be such that it will take care of bumper production of sugar, non-lifting of molasses etc.

(iii) 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.

(iv) Destruction of molasses and its disposal shall not be done without specific permission in writing from the authorized officer of the Board. Intimation of intention to destroy or dispose of the molasses shall be given to the Board at least 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.

(v) 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/on the tank.

(vi) The above conditions shall be in addition to and not in derogation of the provisions contained in the “Bombay Molasses Rules, 1955” and “Maharashtra Molasses Storage and Supply Regulation, 1965”.

6) 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 if applicable.

II) **Conditions under Water (Prevention & Control of Pollution) CESS Act, 1977 as amended**

The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Cess Act, 1977 and as amended, by installing water meters, filing water cess returns in Form-I and other provisions as contained in the said act.

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Purpose for water consumed</th>
<th>Water consumption quantity (CMD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Industrial Cooling, boiler feed etc.,</td>
<td>1042</td>
</tr>
<tr>
<td>2.</td>
<td>Domestic purpose</td>
<td>300</td>
</tr>
<tr>
<td>3.</td>
<td>Processing whereby water gets polluted &amp; pollutants are easily biodegradable</td>
<td>600</td>
</tr>
<tr>
<td>4.</td>
<td>Processing whereby water gets polluted &amp; pollutants are not easily biodegradable and are toxic</td>
<td>—</td>
</tr>
</tbody>
</table>
Schedule-II

Terms & conditions for compliance of Air Pollution Control

1. As per your application, you have provided the Air pollution control (APC) system and also erected following stack(s) to observe the following fuel pattern:

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Stack Attached to</th>
<th>APC System</th>
<th>Height in meter</th>
<th>Type of Fuel</th>
<th>Quantity</th>
<th>S %</th>
<th>SO₂ Kg/ Day</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Boiler (140 TPH)</td>
<td>ESP</td>
<td>75</td>
<td>Bagasse</td>
<td>1527 MT/D</td>
<td>0.2 %</td>
<td>6108</td>
</tr>
<tr>
<td>2.</td>
<td>DG Set of (1010 KVA) 2 Nos.</td>
<td>Acoustic enclosure</td>
<td>6.0 each</td>
<td>HSD</td>
<td>....</td>
<td>2 %</td>
<td>....</td>
</tr>
</tbody>
</table>

2. The Applicant shall provide ESP / Bag filter/ Wet scrubber to the Bagasse fired boiler and Dust Collector to Sugar bagging section as an Air Pollution control equipments OR as per the conditions of EP Act, 1986 and rule made there under from time to time / Environmental Clearance / CREP guidelines.

3. 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/Nm³ |

4. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.

5. 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

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Consent (C to E/O/R)</th>
<th>Amt of BG Imposed</th>
<th>Submission Period</th>
<th>Purpose of BG</th>
<th>Compliance Period</th>
<th>Validity Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Renewal of Consent</td>
<td>Rs. 25.0 Lacs</td>
<td>To be extended</td>
<td>O &amp; M for achieving consented standards of Effluent.</td>
<td>31.07.2016</td>
<td>30.11.2016</td>
</tr>
</tbody>
</table>
Schedule-IV

General Conditions

1) The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.

2) Industry should monitor effluent quality, stack emissions and ambient air quality monthly.

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, concerned 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 Hazardous 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.


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 should be controlled by providing an acoustic enclosure or by treating the room acoustically.

b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 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 sitting 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 yearly statement by 30th September every year on
available open plot area, number of trees surviving as on 31st March of the year and number of
trees planted by September end.

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
download 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.

27) 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 an extension or addition thereto.

28) The industry shall ensure replacement of pollution control system or its parts after expiry of its
expected life as defined by manufacturer so as to ensure the compliance of standards and safety of
the operation thereof.
<table>
<thead>
<tr>
<th>अनुक्रम</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
<th>10</th>
</tr>
</thead>
<tbody>
<tr>
<td>श्रेणी 1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>श्रेणी 2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>श्रेणी 3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### आवश्यकताएँ

1. विद्यार्थी का नाम
2. भाषा का नाम
3. विषय का नाम
4. अध्यक्ष का नाम
5. कार्यालय का नाम
6. विदेशी क्षेत्र का नाम
7. विद्यार्थी का उपयोग
8. विद्यार्थी का उपयोग
9. विद्यार्थी का उपयोग
10. विद्यार्थी का उपयोग

### विवरण

- विद्यार्थी का उपयोग
- विद्यार्थी का उपयोग
- विद्यार्थी का उपयोग
- विद्यार्थी का उपयोग
- विद्यार्थी का उपयोग

### आकाश

- विद्यार्थी का उपयोग
- विद्यार्थी का उपयोग
- विद्यार्थी का उपयोग
- विद्यार्थी का उपयोग
- विद्यार्थी का उपयोग

### भूमिका

- विद्यार्थी का उपयोग
- विद्यार्थी का उपयोग
- विद्यार्थी का उपयोग
- विद्यार्थी का उपयोग
- विद्यार्थी का उपयोग

### शोध

- विद्यार्थी का उपयोग
- विद्यार्थी का उपयोग
- विद्यार्थी का उपयोग
- विद्यार्थी का उपयोग
- विद्यार्थी का उपयोग
<table>
<thead>
<tr>
<th>ग. नं.</th>
<th>क. नं.</th>
<th>वर्ष</th>
<th>विभाग</th>
<th>विस्वासलेखन केव</th>
<th>निकाय निलंबन केव</th>
<th>पारित विश्वासलेखन निलंबन केव</th>
<th>जिल्हा निलंबन केव</th>
<th>जिल्हा सूटिंग</th>
<th>जिल्हा मिलाया</th>
<th>जिल्हा मिलेण्यांच्या</th>
<th>ग. नं.</th>
<th>क. नं.</th>
<th>वर्ष</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>3</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td>7</td>
<td>8</td>
<td>9</td>
<td>10</td>
<td>11</td>
<td>12</td>
<td>13</td>
<td>16</td>
</tr>
</tbody>
</table>

- ता का राय आहे की निलंबनाच्या वेळेच्या मागच्या प्रमाणाच्या कार्यांना देखील वेळ असेल. ग. नं. 12 केंद्रातील अधिकारी हेच विश्वासाचे अधिकार आहे. भोपावणी प्रमाण केंद्राने वेळ निलंबित केलेला आहे. एकमेकांना वेळ 2022 मध्ये 2 ओगोर आहे.
Dear Sirs,

I am directed to refer to your letter No. ADB/EXPN/SCR-Claim/4234/78 dated 31.10.78 on the above mentioned subject and to say that the Government have noted the completion of the expansion of your existing sugar factory from 4000 to 5000 tonnes per day; however, advised to notify the commencement of production to the Ministry of Industry, State Government also, if not already done.

In accordance with the above, you are requested to notify the commencement of production.

Yours faithfully,

(A.K. Bose)
Director (Sugar Technical)

J/23.11.78
"I hereby given undertaking that the data and information given in the application and enclosures are true to the best of my knowledge and belief and I am aware that if any part of the data and information submitted is found to be false or misleading at any stage, the project will be rejected and clearance give, if any to the project will be revoked at our risk and cost."

Date: 15/02/2017

Place: Hatkanagale, Kolhapur

Signature of the applicant : [Signature]

Name : Shri. Prakash Shripati Sawant

Address : Ganganagar, Ichalkaranji, Tal.: Hathkanangale, Dist. Kolhapur.

GENERAL MANAGER

NOTE:

1. The project involving clearance under Coastal Regulation Zone Notification, 1991 shall submit with the application a C.R.Z. map duly demarcated by one of the authorized agencies, showing the project activities, w.r.t. C.R.Z. and the recommendations of the State Coastal Zone Management Authority. Simultaneous action shall also be taken to obtain the requisite clearance under the provision of the C.R.Z. Notification, 1991 for the activities to be located in the C.R.Z.

2. The projects to be located within 10 Km of the National Parks, Sanctuaries, Biosphere Reserves, Migratory Corridors of Wild Animals, the project proponent shall submit the map duly authenticated by Chief Wildlife Warden shoeing these features vis-à-vis the project location and the recommendations or comments of the Chief Wildlife Warden thereon(at the stage of EC)

3. All the correspondence with the Ministry of Environment & Forests including submission of application for TOR / Environmental Clearance, subsequent clarification, as may be required from time to time, participation in the ECA Meeting on behalf of the project proponent shall be made by the authorized signatory only. The authorized signatory should also submit a document in support of his claim of being an authorized signatory for the specific project."