

MINUTUES OF THE PUBLIC HEARING FOR 60 KLPD MOLASSES BASED DISTILLERY OF M/S. KUKADI SAHAKARI SAKHAR KARKHANA LIMITED, VILLAGE PIMPALGAON PISA, TAL. SHRIGONDA, DIST. AHMEDNAGAR, MAHARASHTRA:

The public hearing for 60 KLPD molasses based distillery of M/s. Kukadi Sahakari Sakhar Karkhana Limited, Village Pimpalgaon pisa, Tal. Shrigonda, Dist. Ahmednagar, Maharashtra was conducted at industry site on 28th May-2019 at 11.00 am.

Following were the Panel Members as per Board's Office Order No. E-18 of 2019, vide letter No. BO/JD (WPC) / PH / B- 1716, Dtd. :21/05/2019.

1. Shri. Prashant Patil.
Residential Deputy Collector and
Addl. District Magistrate, Ahmednagar
(Representative of District Magistrate,
Ahmednagar). : Chairman
2. Shri. P.M.Joshi
Regional Officer, MPCB Nashik
Representative of MPCB : Member
3. Shri. Ajit Patil
Sub-Regional Officer, MPCB Ahmednagar
Representative of MPCB will work as : Convener

Shri. Ajit Patil, Sub-Regional Officer, MPCB Ahmednagar and Convener of the Public Hearing Panel welcome the Hon'ble Chairman of the Public Hearing Panel, Company Officials and public present in large number and informed that as per the EIA Notification of Ministry of Environment, Forest & Climate Change, Govt. of India (i.e. MoEFCC, GoI) dated 14th September, 2006 as amended on 1st December 2009, it is mandatory to conduct prior public hearing to certain projects which are covered in the Schedule of the said Notification and as per EIA Notification, 2006.

Further, the Convener and Sub-Regional Officer, MPCB Ahmednagar informed that, M/s. Kukadi Sahakari Sakhar Karkhana Limited, Village Pimpalgaon pisa, Tal. Shrigonda, Dist. Ahmednagar, Maharashtra, has submitted an application for conducting the public hearing for new 60 KLPD Molasses based Distillery, at the site of the industry.

The aim of conducting the public hearing is to make aware the local people participant in the hearing and they should know the developmental activities and environment management plan of the unit. The project proponent had submitted prescribed application along with pre-feasibility report to MoEFCC, Gol for Terms of Reference.

As per said Notification, one month advance public notice was published in the local newspapers in Times of India in English newspaper and in Daily Lokmat in Marathi newspaper dtd. 26/04/2019. The public were appealed to send their suggestions or objections regarding the said proposed project.

Also a copy of EIA report (Marathi and English) and Executive summary in (Marathi and English) were made available at various offices of Government i.e. Environment Department, Govt. of Maharashtra, District Magistrate Office, Ahmednagar, Sub-Divisional Officer Ahmednagar, District Industries Centre, Ahmednagar, Tahasil Office Shrigonda, Grampanchayat offices at – Suregaon, Koregavhan, Eroli, Mungusgaon, Dev-Daithan, Yenpane, Kondegavhan, Pimpalgaon Pisa, Belwandi (B), Bhangaon, Visapur, Loni, Vyanknath, Ukkadgaon, Pimpri, Kolandar, Kolgaon, Dhargaon, Tal. Shrigonda, Dist. Ahmednagar and at Sub-Regional Office, MPCB Ahmednagar, Regional Office, MPCB Nashik and at Head Office of MPCB at Mumbai and on the website of MPCB.

The Convener further informed that the suggestions and objections raised during the meeting will be incorporated in the minutes of the meeting and minutes of the meeting will be submitted along with CD (video shooting of this hearing) to the Govt. through HQ, MPCB Mumbai.

The Convener and SRO MPCB Ahmednagar requested the Chairman of the Panel to permit the Representative of the Project Proponent to start the presentation of the proposed project. In response to this, the Chairman of the Panel directed to the Project Proponent to give the presentation of the proposed project.

The Project Proponent has given the presentation of the proposed project and Environment Management Plan in detail.

The Project information is as hereunder,-

1.	Project Proponent	M/s. Kukadi Sahakari Sakhar Karkhana Ltd., (KSSKL)
2.	Project	New 60 KLPD molasses based distillery.
3.	Project location	Adjacent to the existing sugar mill premises, at Village Pimpalgaon Pisa and Kolgaon, Tal. Shrigonda, Dist. Ahmednagar, Maharashtra – 413 307.
4.	Working days	300 Days per annum
5.	Product	Rectified spirit + Impure spirit (5%) OR ENA + Impure spirit (6%) OR Anhydrous Alcohol / ethanol + Impure spirit (5%) : 60 KLPD
	By-product/s	Fusel oil : 240 L/day
6.	Effluent Treatment System	For Spent wash: Integrated evaporation followed by standalone multi effect evaporation (MEE) followed by incineration. For Spent lees, condensate and other effluent (Condensate) : Primary treatment followed by anaerobic, aerobic at secondary stage followed by tertiary treatment.
7.	Air Pollution Control System	New stack of 75 m with ESP (Electrostatic precipitator)
	Infrastructure	
8.	Land	Distillery along with integrated evaporation, standalone evaporation unit (MEE), storage lagoon, ETP/CPU, Incineration boiler, coal / bagasse storage and convey, ash pond, internal roads etc., = 15,550 sq.m. Proposed green belt development 33% = 5,132 sq.m. Total land requirement = 20,682 sq.m. (5.1 acre) Land Allocated = 28,328 sq.m. (7 acres).
9.	Main raw material	Molasses : 222 TPD Nutrient N.P. : 100 kg/d Turkey Red Oil (TRO) : 300 kg/d
	Technology for Product Manufacturing	Continuous / Fed-batch fermentation & Multi-pressure-vaccum distillation for the production of Rectified spirit or Extra Neutral Alcohol with Molecular Sieve De-Hydration (MSDH) plant for Anhydrous / Fuel ethanol.
	Steam	Total : Maximum 412 TPD (from new 22 TPS boiler) Source : Through proposed incineration boiler Steam Utilization : Distillery, stand-alone MEE and incineration boiler.
10	Fuel	Conc. Spent wash: 161.2 TPD and Coal: max. 26.4 TPD or Bagasse : 48.1 TPD

		Source: Own sugar mill for bagasse proposed distillery effluent for conc. Spent wash and Indian coal from Wardha-Chandrapur coal blocks or as per availability / for bagasse own sugar unit.
11	Boiler	New incineration boiler of 22 TPH with pressure of 45 kg/cm ²
12	Stack height and inner diameter	Stack of 75 m with inner diameter of 3.5 m will be used.
13	Power	1.32 MW, Source : Captive power from proposed 2 MW TG
14	Total water requirement	590 m ³ /day – for process (considering recycle and reuse) And 9.86 m ³ /day for domestic / drinking.
15	Water source	Moharwadi reservoir
16	Manpower	68 permanent + 40 seasonal = 108
17	Green belt	Proposed 2 acre
FINANCIAL ASPECTS		
18	Total Project Cost	Rs. 8279.43 lakhs
19	Capital expenses for EMP	Rs. 3,475.00 lakhs

The Member of the Panel and the Regional Officer, MPCB Nashik, Shri. P.M.Joshi has raised following points such as,-

In the presentation in some cases proper and correct information is not given. MPCB has granted consent to Establish but details are not incorporated in the presentation, In the consent spent wash is shown 96 TPD and in presentation it is 161.2 TPD. Water consumption is 1039 CMD but in the presentation it is above 1200 CMD. In the consent chimney height is mentioned 82 mtrs and in presentation it is shown 75 mtrs.

The representative of the Factory Authorities informed that, spent wash generated is counted in ltr and fired is counted in Ton. As per the specific gravity its weight is 8.24. About water requirement he has informed that 1272 CMD water will be recycled and 590 CMD will be demand / requirement. The measurement is given in various units that's why doubt is created.

The Chairman of the Public Hearing Panel advised to the representative of the Factory Authorities to give explanation after examining the documents in this regard. The Representative informed that, after emission calculation, chimney height is mentioned 75 meters in the presentation. As per the consent granted by MPCB, the ht. of chimney is stipulated 82 meter. He assured that, the conditions to be stipulated in the environment clearance and directions to be given by the MPCB will be followed scrupulously.

The Chairman of the Public Hearing Panel suggested to the public present in the said hearing to raise query in orally or in written. In response to this, the public raised following points.

2. Mr. Pramod Sominath Ithape, resident of village Mungusgaon, Tal. Shrigonda informed that, I am farmer. This project is valuable. This project will help to enhance the sugarcane rates. He has requested to minimise the pollution from this project.
3. Mr. Vishnu Dnyandeo Jathar resident of Visapur has expected that, the industry shall comply the terms and conditions to be stipulated by the MPCB. He has requested to undertake the plantation programme to minimize the pollution from this project.
4. Mr. Rajendra Dattatraya Pawar resident of Yelpane has requested to give information about the adverse effects on crops and farming from the effluent to be generated from the mfg. activity of the proposed project.

5. Mr. Roshan Bapurao Limbhore resident of Ghargaon has requested to give information about the increase in air pollution and the adverse effects thereof from the proposed project.
6. Mr. Natha Dagadu Shendge resident of Kharatwadi opined that without mfg. of by-products farmers will not be benefited and requested to co-operate to solve the problem if any.
7. Mr. Navnath Doke resident of Taradgavhan has given best wishes to the proposed project and expected to undertake more and more plantation at the factory site.
8. Mr. Subhash Pandarkar, Grampanchyat Memembr has requested to inform about the effects on the farming and human being from the proposed unit.
9. Mr. Tukaram Dongare resident of Konde-gavhan has requested to inform about the risks to the surrounding area due to storage of explosive products i.e. Ethanol and Spirit.

Dr. Amol Deshmane, Scientist, Environment Department, Vasant Dada Sugar Institute, Pune has given detail information on the above said points, which is reproduced as hereunder,-

As per the CPCB guidelines, it is mandatory to the distillery unit to comply the ZLD condition. The effluent treatment plant will be installed. The boiler will also be installed. The Condensate Policy Unit (CPU) will be installed. The treated effluent will be recycled in the distillery unit. The semi-solid spent wash will be burnt in the incineration through boiler. In no case treated / untreated effluent will be discharged outside the factory premises, hence there will not be any chances of any adverse effect on farming and human being. The application for consent to operate will be submitted to MPCB and it is mandatory on us to comply the consent conditions. The environment clearance with certain terms and conditions will also be obtained.

The Electrostatic precipitator (ESP) will be provided to the boiler with chimney of adequate height for control of air pollution. The ESP will help to reduce the dust emissions.

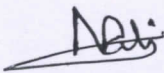
There will not be any risk due to storage of Ethanol and spirit as the guidelines of Petroleum and Safety Organization of Central Govt., will be followed scrupulously. The PESO will grant permission/clearance only after observing the compliance of the guidelines and then industry will be started. The guidelines of the environment clearance and directions of the concern departments will be followed/ complied and there will not be any compromise in the safety issues. The Director Body of the Industry has informed that, they will take utmost care in safety issues. All of us know the various plantation programmes / plant distribution programmes undertaken by industry. Only after compliance of the guidelines of CPCB and MPCB the plant will be put in operation.


The Member of the Public Hearing Panel pointed out that the information regarding the exceeding limit of standards of the samples collected from ambient noise and ground water is not given during the presentation.

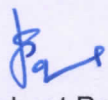
Mr. Keshav Reddy resident of Hydrabad has given best wishes. He pointed out that this unit is related to the betterment of the farmers. The ESR fund shall be utilized for the various development/social etc., schemes in the radius of 10 ksm. from the industry. The guidelines of the CPCB shall be followed for the protection of the environment. The green belt shall be developed on more than 33% area in and around the factory premises.

The Chairman of the Public Hearing Panel asked anybody would like to raise any query if any? But nobody has raised any query / point, then he thank the people for their active participation in the said public hearing, the entrepreneur and the representatives of the factory for giving proper presentation about the proposed project. He declared that the public hearing is concluded.

The meeting ended with vote of thanks to the Chair.


(Ajit Patil)
Convenor & Sub-Regional Officer,
Maharashtra Pollution Control Board


(P.M. Joshi)
Member & Regional Officer,


(Prashant Patil)
Chairman,
Public Hearing Panel
&
Residential Deputy Collector and Addl. District Magistrate, Ahmednagar