

Ref. No. N:EHS/ 19/18

March 05, 2018

To,  
The Director  
EIA division,  
Ministry of Environment Forest and Climate Change,  
Indira Paryavaran Bhawan,  
JorBagh,  
New Delhi.

Subject: No objection to transfer of Environmental Clearance (EC) due to change of Company name

Reference:

- Copy of Fresh Certificate of Incorporation consequent upon Change of name, dt 01.10.2010 (Annexure 1)
- Environmental Clearance No. J-11011/745/2007 – IA II (I), dt 23.12.2008 (Refer Annexure 2 )
- EC amendment No. J-11011/745/07 – IA II (I), dt 21.12.2010 (Refer Annexure 3)

Dear Sir,

The MoEFCC had granted an Environmental Clearance to M/s **Jubilant Organosys Limited** vide No. J-11011/745/2007 – IA II (I), dt 23.12.2008 and EC amendment No. J-11011/745/07 – IA II (I), dt 21.12.2010.

In the year 2010 the name of the company was changed to “**Jubilant Life Sciences Limited**”, without any change in management and Ownership of the company.

The Copy of “**Fresh Certificate of Incorporation consequent upon Change of name**”, Dt 01.10.2010 was obtained from the Registrar Of Companies, Ministry of Corporate affairs (Refer Annexure 1). With this, the company in the name of M/s Jubilant Organosys Limited, cease to exist.

*Prady*

A Jubilant Bhartia Company

OUR VALUES



**Jubilant Life Sciences Limited**  
(Formerly Jubilant Organosys Ltd)  
Village Nimbut, Rly. Station Nira,  
Distt. Pune, Maharashtra-412 102, India  
Tel: +91 2112 269155-57  
Fax: +91 2112 269154  
www.jubl.com

Corporate Office:  
1-A, Sector 16-A,  
Noida-201 301, UP, India  
Tel: +91 120 2516601-11  
Fax: +91 120 2516628-30

Regd Office:  
Bhartiagram, Gajraula  
Distt. Jyotiba Phoolay  
Nagar-244 223, UP, India



**JUBILANT**  
**LIFESCIENCES**

We therefore request your good office to consider this as the No Objection letter for transfer of Environmental clearance granted in the name of M/s **Jubilant Organosys Limited** to the name of M/s. **Jubilant Life Sciences Limited**.

*Handwritten signature/initials*

Thanking You

Yours Faithfully

**For Jubilant Life Sciences Limited,**

*Handwritten signature of Satish Brahmavar Bhat*

**Authorized Signatory,  
Satish Brahmavar Bhat – Vice President (Operations)**

**Annexures: As Above**

**A Jubilant Bharti Company**

OUR VALUES



**Jubilant Life Sciences Limited**

(Formerly Jubilant Organosys Ltd)  
Village Nimbut, Rly. Station Nira,  
Distt. Pune, Maharashtra-412 102, India  
Tel: +91 2112 269155-57  
Fax: +91 2112 269154  
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Distt. Jyotiba Phoolay  
Nagar-244 223, UP, India

भारत सरकार-कॉर्पोरेट कार्य मंत्रालय  
कम्पनी रजिस्ट्रार कार्यालय, उत्तर प्रदेश एवं उत्तराखण्ड

Annexure :- 1

नाम परिवर्तन के पश्चात नया निगमन प्रमाण-पत्र

कॉर्पोरेट पहचान संख्या : L24116UP1978PLC004624

मैसर्स JUBILANT ORGANOSYS LIMITED

के मामले में, मैं एतद्वारा सत्यापित करता हूँ कि मैसर्स  
JUBILANT ORGANOSYS LIMITED

जो मूल रूप में दिनांक इक्कीस जून उन्नीस सौ अठहत्तर को कम्पनी अधिनियम, 1956 (1956 का 1) के अंतर्गत मैसर्स  
Originally incorporated as Vam Organic Chemicals Limited later changed to Jubilant Organosys Limite

के रूप में निगमित की गई थी, ने कम्पनी अधिनियम, 1956 की धारा 21 की शर्तों के अनुसार विधिवत आवश्यक विनिश्चय पारित करके तथा  
लिखित रूप में यह सूचित करके की उसे भारत का अनुमोदन, कम्पनी अधिनियम, 1956 की धारा 21 के साथ पठित, भारत सरकार, कम्पनी कार्य  
विभाग, नई दिल्ली की अधिसूचना सं. सा. का. नि. 507 (अ) दिनांक 24.6.1985 एस्.आर.एन. A94987211 दिनांक 01/10/2010 के द्वारा  
प्राप्त हो गया है, उक्त कम्पनी का नाम आज परिवर्तित रूप में मैसर्स  
JUBILANT LIFE SCIENCES LIMITED

हो गया है और यह प्रमाण-पत्र, कथित अधिनियम की धारा 23(1) के अनुसरण में जारी किया जाता है।

यह प्रमाण-पत्र, मेरे हस्ताक्षर द्वारा कानपुर में आज दिनांक एक अक्टूबर दो हजार दस को जारी किया जाता है।

GOVERNMENT OF INDIA - MINISTRY OF CORPORATE AFFAIRS  
Registrar of Companies, Uttar Pradesh and Uttarakhand

Fresh Certificate of Incorporation Consequent upon Change of Name

Corporate Identity Number : L24116UP1978PLC004624

In the matter of M/s JUBILANT ORGANOSYS LIMITED

I hereby certify that JUBILANT ORGANOSYS LIMITED which was originally incorporated on Twenty First day of  
June Nineteen Hundred Seventy Eight under the Companies Act, 1956 (No. 1 of 1956) as Originally incorporated as  
Vam Organic Chemicals Limited later changed to Jubilant Organosys Limite having duly passed the necessary  
resolution in terms of Section 21 of the Companies Act, 1956 and the approval of the Central Government signified in  
writing having been accorded thereto under Section 21 of the Companies Act, 1956, read with Government of India,  
Department of Company Affairs, New Delhi, Notification No. G.S.R 507 (E) dated 24/06/1985 vide SRN A94987211  
dated 01/10/2010 the name of the said company is this day changed to JUBILANT LIFE SCIENCES LIMITED and  
this Certificate is issued pursuant to Section 23(1) of the said Act.

Given under my hand at Kanpur this First day of October Two Thousand Ten.



(SANJAY BOSE)

सहायक कम्पनी रजिस्ट्रार / Assistant Registrar of Companies

उत्तर प्रदेश एवं उत्तराखण्ड  
Uttar Pradesh and Uttarakhand

कम्पनी रजिस्ट्रार के कार्यालय अभिलेख में उपलब्ध पत्राचार का पता :  
Mailing Address as per record available in Registrar of Companies office:

JUBILANT LIFE SCIENCES LIMITED  
BHARTIAGRAM GAJRAULAJYOTIBA, PHOOLAY NAGAR,  
U.P - 244223,  
Uttar Pradesh, INDIA



भारत सरकार  
पर्यावरण एवं वन मंत्रालय  
Government of India  
Ministry of Environment & Forests  
(IA Division)

Paryavaran Bhawan  
CGO Complex, Lodhi Road  
New Delhi – 110 003  
E-mail: [plahujarai@yahoo.com](mailto:plahujarai@yahoo.com)  
Telefax: 011: 2436 3973

F. No. J-11011/745/2007- IA II (I)

Dated the December 23, 2008

To,

The Vice President (Operations)  
M/s Jubilant Organosys Ltd.  
Village: Nimbut, Railway Station Nira  
Distt. Pune, Maharashtra-412102

**Sub: Expansion of Mollasses based Distillery unit from 90 KLPD to 200 KLPD, Organic chemical products & 12 MW New Captive Power Plant at Nimbut Nira, District Pune in Maharashtra by M/s Jubilant Organosys Ltd. – Environmental clearance regd.**

Sir,

This has reference to your letter No N:MRS:021/08 dated 8<sup>th</sup> September, 2008 along with copy of EIA/EMP and Public hearing reports seeking environmental clearance under the Environmental Impact Assessment Notification, 2006.

2.0 The Ministry of Environment and Forests has examined the proposal. It is noted that M/s Jubilant Organosys Ltd. have proposed for expansion of Mollasses based Distillery from 90 KLPD to 200 KLPD, to manufacture Organic chemical products & install a 12 MW New Captive Power Plant at Nimbut Nira, District Pune in Maharashtra. No protected forests/eco-sensitive area located with in 10 Km. radius from the unit. River Nira flows at a distance of 0.5 km from project site. Proposed expansion will be carried within the existing unit. Total land of the unit at present is about 130 Acres. Land required for proposed expansion would be around 23 Acres, which will be accommodated within existing premises. Green belt will be developed in 16.5 acres of land apart from the existing green belt of 25 acres. The unit will be in operation for 350 days. The project cost is estimated to be Rs. 200.00 crores of which an amount of Rs. 27.00 crores will be spent on environmental protection measures.

3.0 Details of the product profile are given below:

Sr No	Product Name	Unit	Existing Capacity	Proposed capacity	Total
1	Ethyl Alcohol	KLD	90	110	200
2	Acetaldehyde	TPD	83	100	183
3	Acetic acid	TPD	103	100	203
4	Acetic anhydride	TPD	52	0	52
5	Ethyl Acetate	TPD	111	136	247
6	Carbon dioxide	TPD	20	60	80
7	Vinyl Acetate Monomer	TPD	45	0	45
8	Power	MW	0	12	12

4.0 The total water requirement is 7231 m<sup>3</sup>/d. About 2723 m<sup>3</sup>/d of water requirement will be met from the recycling of water through RO and utility. The fresh water requirement of 4667 m<sup>3</sup>/d will be sourced from the river Nira. Total effluent generation will be 1560 m<sup>3</sup>/day. The spent wash generation after the proposed expansion will be 1210 m<sup>3</sup>/day. The spent wash treatment will be by evaporation followed by incineration in slop boiler for power generation to achieve zero discharge. The condensate from the evaporator (1020m<sup>3</sup>/d) will be recycled. The steam from the boiler will be used for power generation. The effluent from organic chemical plants will be treated in Effluent Treatment plant. Treated effluent will be reused in Utility. Utility effluent will be treated in RO plant and reused in Utility. While domestic effluent will be treated in a sewage treatment plant and treated effluent will be reused in horticulture. In the existing distillery, about 1170m<sup>3</sup>/d of spent wash is generated which after bio methanation about 800m<sup>3</sup>/d of treated spent wash is sent to RO plant and 370m<sup>3</sup>/d is composted with press mud. The permeates (560m<sup>3</sup>/d) will be recycled in the distillery unit and rejects (240m<sup>3</sup>/d) will be composted with press mud. The particulate emissions from the 75 TPH AFBC coal fired boiler and 23 TPH slop and coal fired boiler will be controlled by ESP and Bag filter respectively and the emissions will be dispersed through stack of 75 m and 23 m respectively.

5.0 About 4.4 TPD of fermentation sludge would be generated, and will be used in the bio composting. Fly ash generation will be reduced to 47 TPD from existing rate of generation of 52 TPD due to use of imported coal. Fly ash will be used for land reclamation within the unit or will be supplied to cement manufacturers. The ash from the boiler 34TPD will be used as fertiliser. The Hazardous waste generated from proposed Acetic acid & Ethyl acetate plant would be reprocessed for recovery and concentrated to minimize the quantity of generation. The additional generation of about 40 kg/d, will be sent to common hazardous waste facility of Maharashtra Enviro power Ltd.-Ranjangone, while 10 Ltr/day of used oil will be sold to authorized preprocessors.

6.0 All molasses based distilleries have been listed at Sl. no. 5 (g) in category 'A', as per the EIA notification, 2006 and have to be appraised by the central Government. Since the unit is manufacturing synthetic chemicals it also falls in the category 5 (f) of EIA Notification, 2006. The Expert Appraisal Committee (Industry) considered the project in its 87<sup>th</sup> meeting held on 25<sup>th</sup> - 26<sup>th</sup> November, 2008 (p.185-187/c). The Committee recommended the project for environmental clearance. The method of treatment of spent wash is as per the CPCB guidelines.

7.0 Based on the information submitted by project authorities, the Ministry of Environment and Forests hereby accords environmental clearance to above project under the provisions of EIA Notification dated 14<sup>th</sup> September 2006 subject to strict compliance of the following Specific and General conditions:

**A. SPECIFIC CONDITIONS:**

- i. The particulate emissions from the 75 TPH Coal fired AFBC boiler and 23 TPH slop and coal fired boiler shall be controlled by installation of ESP and bag filters respectively. The emissions shall be dispersed through stacks for which height shall be as per the CPCB standards.
- ii. The company shall adopt continuous fermentation technology. The spent wash generated after generated after the proposed expansion shall be concentrated in the Multiple Effect Evaporator followed by incineration in the boiler to achieve zero discharge. In the existing distillery the spent wash after bio methanation shall be sent to RO plant. The permeates shall be recycled and rejects shall be composted with press mud to achieve zero discharge. No effluent shall be discharged outside the factory premises and zero discharge shall be strictly followed. Land and other requirements for treatment of spent wash with press mud shall be as per the CPCB guidelines. The compost yard shall be made impervious as per the CPCB guidelines. The compost yards shall have leachate collection system.
- iii. The effluent from the chemical plant shall be subjected to acid recovery and the balance effluent streams along with the existing effluent shall be treated in the ETP. The treated effluent after conforming to the prescribed standards shall be recycled. The effluent stream from the cooling tower and boiler blowdown shall be sent to RO plant and permeates shall be used for cooling tower makeup. The domestic effluent after treatment in the sewage treatment plant shall be used for green belt development.
- iv. The spent wash shall be stored in impervious pucca lagoons. The spent wash lagoons shall have proper lining with HDPE and shall be kept in proper condition to prevent ground water pollution. As per the CPCB recommendation, storage shall not exceed 30 days capacity.
- v. Adequate numbers of ground water quality monitoring stations by providing piezometers around the compost plant and the project area shall be set up. Sampling and trend analysis monitoring must be made on monthly a basis and report submitted to SPCB and this Ministry.
- vi. The company shall obtain permission to draw water from the State Irrigation Authority.
- vii. Green belt in 33% of the plant area shall be provided to mitigate the effects of fugitive emissions all around the plant and compost yard as per the CPCB guidelines in consultation with the local DFO.
- viii. Company shall adopt rainwater harvesting measures to recharge the ground water.

- ix. Provision shall be made for the housing for the construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile sewage treatment plant, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after the completion of the project. All the construction wastes shall be managed so that there is no impact on the surrounding environment.

**B. GENERAL CONDITIONS:**

- i. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests.
- ii. Ambient Air Quality Monitoring Stations shall be set up in the down wind direction as well as where maximum ground level concentration of SPM, SO<sub>2</sub>, NO<sub>x</sub>, are anticipated in consultation with the State Pollution Control Board.
- iii. Adequate number of influent and effluent quality monitoring stations shall be set up in consultation with the State Pollution Control Board. Regular monitoring should be carried out for relevant parameters.
- iv. The industry shall ensure that the treated effluent and stack emissions from the unit are within the norms stipulated under the EPA rules or SPCB whichever is more stringent. In case of process disturbances/failure of pollution control equipment adopted by the unit, the respective unit shall be shut down and shall not be restarted until the control measures are rectified to achieve the desired efficiency.
- v. The overall noise levels in and around the plant area 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 should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA ( day time) and 70 dBA ( night time).
- vi. Occupational health surveillance programme shall be undertaken as regular exercise for all the employees. The first aid facilities in the occupational health centre shall be strengthened and the medical records of each employee shall be maintained separately.
- vii. A separate environmental management cell equipped with full fledged laboratory facilities must be set up to carry out the environmental management and monitoring functions.
- viii. The project authorities shall provide requisite funds for both recurring and non-recurring expenditure to implement the conditions stipulated by the non-recurring expenditure to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State government along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose.

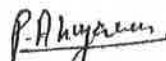
- ix. The implementation of the project vis-à-vis environmental action plans will be monitored by Ministry's Regional Office at Bhopal /State Pollution Control Board/Central Pollution Control Board. A six monthly compliance status report along with the monitored data shall be submitted to the monitoring agencies.
- x. The Project Proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the State Pollution Control Board/ Committee and may also be seen at Website of the Ministry of Environment and Forests at <http://envfor.nic.in>. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the Regional office.
- xi. The Project Authorities shall inform the Regional Office as well as the Ministry the date of financial closure and final approval of the project by the concerned authorities and the date of start of land development work.

8.0 The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.

9.0 The Ministry reserves the right to stipulate additional conditions if found necessary. The company will implement these conditions in a time bound manner.

10.0 Any appeal against this environmental clearance shall lie with the National Environment Appellate Authority, if preferred within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.

11.0 The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management and Handling) Rules, 2003 and the Public Liability Insurance Act, 1991 alongwith their amendments and rules.

  
(Dr. P. L. Ahujara)  
Director

**Copy to:**

1. The Secretary, Department of environment and forests, Govt. of Maharashtra.
2. The Chief Conservator of Forests (Central), Ministry of Environment & Forests, Regional Office, E - 3 / 240 Arera Colony Bhopal - 462 016.
3. The Chairman, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar New Delhi - 110 032.
4. The Chairman Maharashtra Pollution Control Board, Shri Chatrapati Shivaji Maharaj Municipal Market Building, 4<sup>th</sup> Floor, Mata Ramabai Ambedaker Road, Mumbai- 400 001.



5. Monitoring Cell, Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi.
6. Guard File.
7. Monitoring File.
8. Record File.

(Dr. P. L. Ahujarai)  
Director

F. No. J-11011/745/07-IA II (I)  
**Government of India**  
**Ministry of Environment and Forests**  
**(I.A. Division)**

**Paryavaran Bhawan**  
**CGO Complex, Lodhi Road**  
**New Delhi – 110 003**

**E-mail : [pb.rastogi@nic.in](mailto:pb.rastogi@nic.in)**  
**Telefax : 011: 2436 7668**  
**Dated 21<sup>st</sup> December, 2010**

To,

Shri K. K. Sharma  
 General Manager (EHS)  
 M/s Jubilant Organosys Ltd.  
 Noida-201301, U.P.

**E-mail : [ashok\\_kakur@jubl.com](mailto:ashok_kakur@jubl.com) ; [arpit\\_nanavati@jubl.com](mailto:arpit_nanavati@jubl.com);**  
**Fax No. : 91-40-23412957**

**Subject: Acetic Anhydride Plant at Nira, Pune in Maharashtra by M/s Jubilant Organosys Ltd. - Change in product mix reg.**  
**Ref. : Your letter no. nil dated 12<sup>th</sup> July, 2010.**

Sir,

Kindly refer your letter no. nil dated 12<sup>th</sup> July, 2010 wherein you have mentioned that you want to install Acetic Anhydride Plant (125 TPD) against the Acetaldehyde (100 TPD) and Acetic Acid (100 TPD) (Total Capacity 200 TPD). You have also mentioned that due to reduction in the quality from 200 TPD to 125 TPD, raw material requirement, total volume of production and pollution load will reduce.

2. It is observed that Ministry has accorded environmental clearance for the expansion of Molasses based Distillery unit (90 KLPD to 200 KLPD), Organic chemical products & 12 MW New Captive Power Plant at Nimbut Nira, District Pune in Maharashtra vide letter no. J-11011/745/2007-IA II(I) dated 23<sup>rd</sup> December, 2008 to M/s Jubilant Organosys Ltd. for the following products and production capacity:

S.N.	Product	Unit	Existing Capacity	Proposed Capacity	After expansion
1	Ethyl Alcohol	KLD	90	110	200
2	Acetaldehyde	TPD	83	100	183
3	Acetic acid	TPD	103	100	203
4	Acetic anhydride	TPD	52	0	52
5	Ethyl Acetate	TPD	111	136	247
6	Carbon dioxide	TPD	20	60	80
7	Vinyl Acetate Monomer	TPD	45	0	45
8	Power	MW	0	12	12

3. Now, you have proposed to manufacture acetic anhydride plant (125 TPD) in place of acetaldehyde (100 TPD) & acetic acid (100 TPD) due to fluctuating market demand of acetaldehyde & acetic acid as per details given below :

S. N.	Product	Unit	EC as per 2008	Proposed amendment in product mix	Total after amendment
1	Ethyl Alcohol	KLD	200	--	200
2	Acetaldehyde	TPD	183	100 (Deduction )	83
3	Acetic acid	TPD	203	100 (Deduction )	103
4	Acetic anhydride	TPD	52	125 (Addition)	177
5	Ethyl Acetate	TPD	247	--	247
6	Carbon dioxide	TPD	80	--	80
7	Vinyl Acetate Monomer	TPD	45	--	45
8	Power	MW	12	--	12

4. The matter was discussed in the Expert Appraisal Committee (Industry-2) held during 16<sup>th</sup>-17<sup>th</sup> September, 2010. You have informed that pollution load will not increase due to reduction in the quantity of change in product mix. Fresh water consumption will be reduced from 4,665 m<sup>3</sup>/day to 4,637 m<sup>3</sup>/day. Effluent quantity will be reduced by 16 m<sup>3</sup>/day and 'Zero' discharge of effluent will be maintained. There will be no change in solid/hazardous waste generation.

5. The matter was examined in the Ministry and have agreed for amendment in the product mix by adding Acetic anhydride (125 TPD) in place of Acetaldehyde & Acetic Acid (100 TPD each) subject to satisfactory compliance to all the environmental conditions stipulated in the environmental clearance no. J-11011/745/2007-IA-II(I) dated 23<sup>rd</sup> December, 2008.

6. All the other specific and general conditions shall remain same and complied satisfactorily.

7. This letter shall be kept with the original environmental clearance letter.

8. This letter has been issued after approval from the competent authority.

  
(Dr. P.B. Rastogi)  
Director

Copy to :

1. The Secretary, Department of Environment and Forests, Govt. of Maharashtra, Mumbai - 400 001, Maharashtra.
2. The Chief Conservator of Forests (Central), Ministry of Environment & Forests, Regional Office, Link Road No. 3, E - 5, Arera Colony, Bhopal - 462 016, M.P.
3. The Chairman, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi - 110 032.
4. The Chairman, Maharashtra Pollution Control Board, Shri Chatrapati Shivaji Maharaj Municipal Market Building, 4<sup>th</sup> Floor, Mata Ramabai Ambedaker Road, Mumbai - 400 001, Maharashtra.
5. Adviser, IA-II (I), Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi.
6. Monitoring Cell, Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi.
7. Guard File / Monitoring File / Record File.

  
(Dr. P.B. Rastogi)  
Director