PRASOL CHEMICALS PRIVATE LIMITED

CIN NO. U99999MH1992PTC065026

PRASOL

Date: 12/11/2018

To,
The Member Secretary,
Expert Appraisal Committee- Industry II,
Ministry of Environment, Forests and Climate Change (MoEF & CC),
Indira Paryavaran Bhawan,
Ali Ganj, Jor Bagh Road,
New Delhi- 110 003.

Sub: Reply to EDS generated in PARIVESH system

Ref:

(1) EDS generated through PARIVESH system on 16th October 2018
(2) Proposal No. IA/MH/IND2/62822/2017 dated 11th October 2018

Respected Sir,

With reference to the above, we wish to inform that we have applied for Fresh Environment Clearance for Proposed Establishment of Pesticides industry and pesticide specific intermediates (excluding formulations) & Synthetic organic chemicals manufacturing unit at Plot No. FS-30, Addl. Mahad MIDC, Raigad District, Maharashtra.

As per EDS generated in our profile as below:

"Product details mentioned in para 8.2 of Form-2 is not consistent with those in the ToR dated 10/7/2017. As per the said ToR, total production capacity is 29000 TPA for 7 group of products. - Please categorize the products separately under items 5(b) & 5(f) of the schedule to the EIA Notification, 2006. - Please attach the document in support of the CTO details provided at item 9.1."

We wish to bring to you kind notice that,

1) regarding Products quantity & categorization

During application for Fresh EC in PARIVESH system, we have applied for individual products with combined capacities. Our total production capacity is 29,000 TPA as per granted TOR. The same quantity is reflecting in our Uploaded Final EIA report.

However due to error in PARIVESH, we have filled individual products maintaining same combined capacity as per granted TOR (TOR letter F. No. J-11011/70/2017-IA II (I) dated 10th July 2017- Refer **Annexure I**).

Tel. : [+91-22] 27782555 / 61952500, Fax : [+91-22] 27782430 E-mail: inquiry@prasolchem.com sales@prasolchem.com Website: www.prasolchem.com
Office : PRASOL HOUSE, Plot No. A-17/2/3, T.T.C. Indl. Area, Khairne M.I.D.C., Navi Mumbai - 400 710, Maharashtra, India.
Factory : Takai Adoshi Road, Honad Village, Khopoli, Tehsil: Khalapur, Dist. Raigad - 410203, Maharashtra, India.

The detailed product list along with it's categories is given below

Table 1: Proposed Products and is capacities

S. No.	Product	Capacity (MT/Year)	Category
Products (A)			
1	Diethyl Thiophosphoric Acid (DETA)	12,000 (Combined capacity will be manufactured on Campaign basis)	5 (b)
2	Diethyl Thiophosphoryl Chloride (DETC)		
3	Dimethyl Thiophosphoryl Chloride (DMTC)		
4	Dimethyl Phosphoramidothioate (DMPAT)	1,000	
5	***Dithiophosphates***	6,000 (Combined capacity will be manufactured on Campaign basis)	5 (f)
a	Zinc Dialkyl Dithiophosphate (ZDDP)		
b	Alkyl Sodium Dithiophosphate		
c	Sodium Dithiophosphate		
6	***Organic Acetates***	5,000 (Combined capacity will be manufactured on Campaign basis)	5 (f)
a	2-Methyl Adrohol Acetate		
b	Trimethyl Cyclohexyl Acetate		
c	Styrallyl Acetate		
d	Phenethyl Acetate		
7	***Hydrogenated Products***	5,000 (Combined capacity will be manufactured on Campaign basis)	5 (f)
a	O-Methyl Cyclohexanol		
b	O-Methyl Cyclohexanone		
c	Styrallyl Alcohol		
d	3,3,5 Trimethyl Cyclohexanol		
e	3,3,5 Trimethyl Cyclohexanone		
	Subtotal (A)	**29,000**	--
Co Products (B)			
1	Sodium Hydrogen Sulphide (NaHS)	8,500	--
2	Hydrochloric Acid (HCl)	19,500	--
3	Wettable Sulphur	3,000	--
4	Ammonium Hydroxide (NH_4OH)	150	--
5	Sodium Sulphite Na_2SO_3	650	--
6	Dil. Acetic Acid	3000	--
	Subtotal (B)	**34,800**	--
	Grant Total (A+B)	**63,800**	--

2) regarding Consent status

We have applied for Consent to establish for establishment of Inorganic manufacturing facility which does not falls under EIA notification, 2006. Subsequently, we had received Consent to establish from Maharashtra Pollution control board. Our Consent to establish for Inorganic manufacturing facility is Format 1.0/BO/AS(T)/UAN No. 0000022318/E/GEN-1706001260 dated 30.06.2017 valid upto 31.05.2022. (Refer **Annexure II**)

We wish to inform that we will apply for consent to establish & operate once we received Environment clearance for proposed project (for organic manufacturing facility). Hence, during Fresh EC application in PARIVESH system we had uploaded copy of Consent to Establish for Inorganic manufacturing facility.

We hereby request you to kindly consider our project in upcoming meeting at earliest & oblige.

Thanking you,

Yours Faithfully,

For, Prasol Chemicals Private Limited

Authorized signatory

Encl. as above

Annexure I- TOR letter granted by MoEF & CC

सत्यमेव जयते

Government of India
Ministry of Environment, Forest and Climate Change
(IA Division)

Indira Paryavaran Bhawan
Aliganj, Jor Bagh Road
New Delhi – 110 003

Yogendra Pal Singh
Scientist 'D'

Telefax: 91-11-24695365
E-mail : yogendra78@nic.in

F. No. J-11011/70/2017-IA.II (I)

Dated: 10th July, 2017

To,

The Managing Director
M/s Prasol Chemicals Limited
Prasol House, Plot No. A-17/2/3,
TTC Industrial Area, Khairane
MIDC, Navi Mumbai, Maharashtra

Sub: Establishment of Pesticides industry and pesticide specific intermediates (excluding formulations) & Synthetic organic chemicals manufacturing unit at Plot No. FS-30, Addl Mahad MIDC situated in Raigad District, Maharashtra by M/s Prasol Chemicals Limited – Terms of References – reg.

Ref.: Your online proposal no. IA/MH/IND2/62822/2017; dated 28th February, 2017.

Sir,

Kindly refer your proposal no. IA/MH/IND2/62822/2017; dated 28th February, 2017, submitting along with project documents including Form-I, Pre-feasibility Report and draft 'Terms of Reference' as per the EIA Notification, 2006. It is noted that the Proposal is for Establishment of Pesticides industry and pesticide specific intermediates (excluding formulations) & Synthetic organic chemicals manufacturing unit at Plot No. FS-30, Addl. Mahad MIDC situated in Raigad District, Maharashtra by M/s Prasol Chemicals Limited.

2.0 Total land area will be 45,000 m^2. Total estimated cost of the project will be approx. INR 50.0 Crores. During the construction phase around 60 workers and during the operational phase around 100 workers including contractors will be required.

3.0 Following are the list of proposed products:

S. No.	Product / By Products	Capacity (T/Year)
Products		
1	Diethyl Thiophosphoric Acid (DETA)	12,000 (Combined capacity will be manufactured on Campaign basis)
2	Diethyl Thiophosphoryl Chloride (DETC)	
3	Dimethyl Thiophosphoryl Chloride (DMTC)	
4	Dimethyl Phosphoramidothioate (DMPAT)	1,000

5	**Dithiophosphates**	
a	Zinc DialkylDithiophosphate (ZDDP)	6,000(Combined capacity will be manufactured on Campaign basis)
b	Alkyl Sodium Dithiophosphate	
c	Sodium Dithiophosphate	
6	**Organic Acetates**	5,000 (Combined capacity will be manufactured on Campaign basis)
a	2-Methyl Adrohol Acetate	
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c	Styrallyl Acetate	
d	Phenethyl Acetate	
7	**Hydrogenated Products**	5,000 (Combined capacity will be manufactured on Campaign basis)
a	O-Methyl Cyclohexanol	
b	O-Methyl Cyclohexanone	
c	Styrallyl Alcohol	
d	3,3,5 Trimethyl Cyclohexanol	
e	3,3,5 Trimethyl Cyclohexanone	
	Sub Total (Products)	**29,000**
By-Products		
1	Sodium Hydrogen Sulphide (NaHS)	8,500
2	Hydrochloric Acid (HCl)	19,500
3	Wettable Sulphur	3,000
4	Ammonium Hydroxide (NH_4OH)	150
5	Sodium Sulphite Na_2SO_3	650
6	Dil. Acetic Acid	3000
	Sub Total (By Products)	**34,800**
	Grand Total (Products + By products)	**63,800**

4.0 Draft Terms of Reference (TOR) have been discussed and finalized during 22nd Expert Appraisal Committee (Industry-2) meeting held during 17th - 18th April, 2017 for preparation of EIA/EMP report. The Committee prescribed the following additional TOR in addition to standard TOR (refer Ministry's website) for preparation of EIA-EMP report:

A. Additional TOR

i. Public Hearing is exempted as per para 7 (i) Stage III (3)(i)(b) of the EIA Notification, 2006, being site is located in the Notified Industrial Area.
ii. ZLD plan to be submitted.

5.0 The above 'TORs' should be considered for the preparation of EIA/EMP for Establishment of Pesticides industry and pesticide specific intermediates (excluding formulations) & Synthetic organic chemicals manufacturing unit at Plot No. FS-30, Addl Mahad MIDC situated in Raigad District, Maharashtra by M/s Prasol chemicals limited in addition to all the relevant information as per the 'General Structure of EIA' given in Appendix III and IIIA in the EIA Notification, 2006. Public Hearing is exempted as per para 7 (i) Stage III (3)(i)(b) of the EIA Notification, 2006, being site is located in the Notified Industrial Area

6.0 You are requested to kindly submit the final EIA/EMP prepared as per TORs to the Ministry for considering the proposal for environmental clearance ***within 3 years as per the MoEF O.M. No. J-11013/41/2006-IA.II (I) dated 8th October, 2014.***

7.0 The consultants involved in the preparation of EIA/EMP report after accreditation with Quality Council of India/National Accreditation Board of Education and Training (QCI/NABET) would need to include a certificate in this regard in the EIA/EMP reports prepared by them and data provided by other Organization(s)/Laboratories including their status of approvals etc.

10.7.2017

(Yogendra Pal Singh)
Scientist 'D'

Copy to:-

1. The Member Secretary, Gujarat Pollution Control Board, Sector 10-A, Gandhinagar – 382 010, Gujarat.
2. Guard File/Monitoring File/Website/Record File.

10.7.2017

(Yogendra Pal Singh)
Scientist 'D'

Annexure II- Copy of Consent to Establish for Inorganic manufacturing facility

MAHARASHTRA POLLUTION CONTROL BOARD

Phone : 4010437/4020781 /4037124/4035273
Fax : 24044532/4024068 /4023516
Email : enquiry@mpcb.gov.in
Visit At : http://mpcb.gov.in

Kalpataru Point, 3rd & 4th floor, Sion-Matunga Scheme Road No. 8, Opp. Cine Planet Cinema, Near Sion Circle, Sion (E), Mumbai - 400 022

Consent order No: -Format 1.0/BO/AS(T)/UAN No. 0000022318/E/GEN- 1706001260
Date- 30/06/2017

To,
M/s Prasol Chemicals Ltd.,
Plot No. FS-30, Mahad Five Star Industrial Area,
Village-Amshet, Tal. Mahad, Dist. Raigad – 402 309.

Subject: Grant of Consent to Establish under RED/SSI category.

Your application UAN No. 0000022318
Dated: 03/03/2017
For: Grant of Consent to Establish under Section 25 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization/ renewal under Rule 6 of the Hazardous & Other Wastes (M & T M) Rules 2016 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 to Establish is granted for a period upto commissioning of the unit or upto 5 years i.e. 31/05/2022 whichever is earlier.**

2. **The capital investment of the industry is Rs. 18.20 Lakh (As per undertaking submitted by industry).**

3. **The Consent is valid for carrying out R&D activity and mfg. of Pilot Products as follows –**

Sr. No.	Product Name	Maximum Quantity	UOM
1	Phosphorous Penta Sulfide	12,000	MT/A
2	Red Phospohorous	2,000	MT/A
3	Chlorinated products	10,000	MT/A
	a) Phosphorous Trichloride		
	b) Phosphorous Penta Chloride		
	c) Phosphoryl Trichloride		
	d) Thiophosphoryl Chloride		
4	Formulated products	1,000	MT/A

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

Sr. no.	Description	Permitted quantity of discharge (CMD)	Standards to be achieved	Disposal
1.	Trade effluent	23.0	As per Schedule –I	100% recycle/ reuse into process, cooling tower & utility purposes so as to achieve Zero Liquid Discharge (ZLD)
2.	Domestic effluent	3.0	As per Schedule –I	Applied on land for Gardening only within premise

5. **Conditions under Air (P& CP) Act, 1981 for air emissions:**

Sr. no.	Description of stack / source	Number of Stack	Standards to be achieved
1	Boiler	1	As per Schedule –II
2	Process Vent	1	As per Schedule –II
3	D.G. Set (400 KVA)	1	As per Schedule –II

6. **Conditions for handling of non-hazardous Wastes:**

1) The Industry shall handle non-hazardous wastes as specified below:

Sr. No.	Type Of Waste	Quantity	UOM	Treat-ment	Disposal
1	Iron/ Glass/ Plastic scrap, Glass wool etc.	6	MT/A	--	Sale to Auth. Party
2	Coal Ash	1	MT/D	--	Sale to Brick Manufacturers

7. Conditions under Hazardous & Other Wastes (M & TM) Rules, 2016 for treatment and disposal of hazardous waste:

1) The Industry shall handle hazardous wastes as specified below:

Sr. No.	Type Of Waste	Category	Quantity	UOM	Treat-ment	Disposal
1	Used/ Spent Oil	5.1	2	Kl/A	--	Sale to Auth. Party/ CHWTSDF
2	Discarded Containers/ Barrels/ Liners	33.1	6,000	Nos/A	--	Sale to Auth. Party/ CHWTSDF
3	Chemical sludge from waste water treatment	35.3	30	MT/A	--	CHWTSDF

8. **The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.**
9. **This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.**
10. **The applicant shall obtain Consent to Operate from the Board prior to commencement of the commercial production.**
11. **This consent is issued as per the delegation of power to HOD's vide Board Office Order No. 31/2013 dtd.1/03/2013.**

For and on behalf of the
Maharashtra Pollution Control Board

(P.K. Mirashe)
Assistant Secretary (Tech.)

Received Consent fee of –

Sr. No.	Amount(Rs.)	DD/RTGS/NEFT No.	Date	Bank
1	Rs. 50,000/-	0667034R4JQ	07/03/2017	Citi Bank

Copy to:

1. **Regional Officer (Raigad)/ Sub-Regional Officer(Mahad), M.P.C. Board. - They are instructed to ensure the compliance of the consent conditions.**
2. **Chief Accounts Officer, MPCB, Mumbai.**
3. **CC/CAC desk – for record & website uploading purpose.**

Maharashtra Pollution Control Board