

F. No. IA-J-11011/207/2018-IA-II (I)
Government of India
Ministry of Environment, Forest and Climate Change
(Impact Assessment Division)

Indira Paryavaran Bhawan
Jor Bagh, New Delhi-03

Dated: 27th September, 2022

To

M/s. Crimsun Organics (P) Ltd.
Plot no. C-9, 10 & 11
SIPCOT Industrial Complex, Village Kudikkadu
District Cuddalore (Tamil Nadu)
Email: info@crimsunorganics.com

Project: Manufacturing Specialty Chemicals and Agro-Chemicals located at Plot No. C-9, C-10 & C-11, SIPCOT Industrial Complex, Village Kudikkadu, District Cuddalore, Tamil Nadu by M/s Crimsun Organics Private Limited – Amendment in Environmental Clearance

Sir,

This has reference to your online proposal No. **IA/TN/IND3/280503/2022** dated 04.07.2022 for amendment in Environment Clearance granted vide letter of even no. dated 28th March, 2019 for the project, Manufacturing Speciality Chemicals and Agro-Chemicals located at Plot no. C-9, C-10 & C-11, SIPCOT Industrial Complex, Village Kudikkadu, District Cuddalore, Tamil Nadu by M/s Crimsun Organics Private Limited.

2. The proposal was considered in 35th EAC (Industry-3) meeting held on 28-29 July 2022, wherein the PP has requested the following amendment in the EC dated 28.03.2019:

Reference of EC	Description as per EC	To be revised/ read as
Point 2	The Ministry of Environment, Forest and Climate Change has examined proposal for environmental clearance to the project for manufacturing speciality chemicals of capacity 70 TPM (3 Nos of products) and <u>Agro-chemicals of capacity 1355 TPM</u> (54 nos. of products) by M/s Crimsun Organics (P) Ltd in a total area of 18051.03 sq.m located at Plot No C-9,10& 11, SIPCOT Industrial Complex, Village Kudikkadu, District Cuddalore (Tamil Nadu).	The Ministry of Environment, Forest and Climate Change has examined proposal for environmental clearance to the project for manufacturing speciality chemicals of capacity 70 TPM (3 Nos of products) and <u>Agro-chemicals of capacity 1375 TPM</u> (54 nos. of products) by M/s Crimsun Organics (P) Ltd in a total area of 18051.03 sq.m located at Plot No C-9,C-10&C-11, SIPCOT Industrial Complex, Village Kudikkadu, District Cuddalore (Tamil Nadu).

Point 3	Details of products are as under			Details of products are as under			
	Sr.N o.	Product	Quantity (TPM)	Sr.N o.	Product	Quantity (TPM)	
	Speciality Chemical			Speciality Chemical			
	1	Para chloro benzyl cyanide	20	1	Para chloro benzyl cyanide	70	
	2	Pyrazole	20	2	Pyrazole		
	3	Metaphenoxy Benzaldehyde (MPB)	30	3	Metaphenoxy Benzaldehyde (MPB)		
	Fungicides			Fungicides			
	4	Thiophanate methyl	50	4	Thiophanate methyl	415	
	5	Hexaconazole	30	5	Hexaconazole		
	6	Propiconazole	30	6	Propiconazole		
	7	Difenoconazole	15	7	Azoxystrobin		
	8	Tricyclazole	50	8	Isoprothiolane		
	9	Carbendazim	50	9	Carbendazim		
	10	Cyproconazole	30	10	Cyproconazole		
	11	Trifloxystrobin	20	11	Trifloxystrobin		
	12	Cymoxanil	20	12	Cymoxanil		
	13	pyraclostrobin	20	13	pyraclostrobin		
	14	Metalaxyl	20	14	Metalaxyl		
	15	Tebuconazole	20	15	Tebuconazole		
	16	Boscalid	20	16	Boscalid		
	17	Picoxystrobin	20	17	Picoxystrobin		
	18	Thifluzamide	20	18	Thifluzamide		
	Herbicides			Herbicides			
	19	Pretilachlor	50	19	Pretilachlor		500
	20	Glyphosate	50	20	Metamifop		
	21	Clodinafop-Propargyl	20	21	Clodinafop-Propargyl		
	22	Bispyribac-Sodium	20	22	Bispyribac-Sodium		
	23	Quizalofop	20	23	Oxadiargyl		
	24	Propaquizafop	20	24	Propaquizafop		
	25	Mesotrione	20	25	Mesotrione		
	26	Fluroxypyr	20	26	Fluroxypyr		
	27	Imazamox	30	27	Imazamox		
	28	Pinoxaden	30	28	Pinoxaden		
	29	Ametryn	30	29	Ametryn		
	30	Tembotrione	20	30	Tembotrione		
	31	Topramezone	20	31	Topramezone		
	32	Pyroxasulfone	20	32	Pyroxasulfone		

	32	Halosulfuron	20	33	Penoxsulam	
	33	Penoxsulam	20	34	Flazasulfuron	
	34	flucetosulfuron	20	35	Pendimethalin	
	35	Pendimethalin	30	36	Chlorimuron	
	36	Chlorimuron	20	37	Nicosulfuron	
	37	Nicosulfuron	20	38	Metsulpfuron	
	38	Metsulpfuron	20	Insecticides		
	Insecticides			39	Prothiconazole	460
	39	Acephate	30	40	Chlorpyrifos	
	40	Diafenthiuron	30	41	Imidacloprid	
	41	Imidacloprid	30	42	Buprofezin	
	42	Buprofezin	30	43	Thiamethoxam	
	43	Thiamethoxam	30	44	Pyriproxyfen	
	44	Cypermethrin	30	45	Profenofos	
	45	Alpha cypermethrin	20	46	Fipronil	
	46	Fipronil	20	47	Acetamiprid	
	47	Acetamiprid	30	48	Propargite	
	48	Propargite	30	49	Indoxacarb	
	49	Indoxacarb	20	50	Dinotefuran	
	50	Dinotefuran	20	51	Flonicamid	
	51	Flonicamid	20	52	Pymetrozine	
	52	Etoxazold	20	53	Bifenthrin	
	53	Metaflumizone	20	54	Spiromesifen	
	54	Spiromesifen	20	55	Lambdacyhalothrin	
	55	Spirotetramat	20	56	Chlorantraniliprole	
	56	Chlorantraniliprole	20	57	Sulfoxaflor	
	57	Sulfoxaflor	20	Total		1445
	Total		1425			
Point 6 para 3	Power requirement will be 2000 KVA proposed to be met from TANGEDCO. Two DG sets of 500 KVA are envisaged in the unit to be used as the standby during power failure. Stack of height 9 m shall be provided as per CPCB norms to the DG sets.			Power requirement will be 2000 KVA proposed to be met from TANGEDCO. Two DG sets of 500 KVA are envisaged in the unit to be used as the standby during power failure. <u>Additional One DG set of 105 KVA (112 hp) is envisaged for emergency back up for fire pump. Stack of height 9 m for 500 KVA and 7.5 m for 105 KVA</u> shall be provided as per CPCB norms to the DG sets.		
Point 6 para 4	<u>Unit will have one 3 TPH furnace oil fired and one 10 TPH coal fired boiler.</u>			<u>Unit will have one 3 TPH LDO/LSHS/Briquette fired boiler and</u>		

	Multicyclone separator/bag filter with a stack of height 32 m will be installed for controlling the particulate emissions within the statutory limit for the proposed boilers.	<u>Two 5 TPH coal/Briquette fired boiler.</u> Multicyclone separator/bag filter with a <u>stack of height 25 m for 3 TPH boiler & 32 m for two 5 TPH boiler</u> will be installed for controlling the particulate emissions within the statutory limit for the proposed boilers.
Point 10	Based on the proposal submitted by the PP and recommendations of EAC (Industry-2) the Ministry of Environment, Forest and Climate change hereby accords environmental clearance to the project for Manufacturing specialty Chemicals of capacity 70 TPM (3 nos. of products) and <u>Agro-chemicals of capacity 1355 TPM</u> (54 nos. of Products) by M/s. Crimsun Organics (P) Ltd at plot no C-9,10 & 11 SIPCOT Industrial complex, village Kudikkadu, District Cuddalore (Tamil Nadu) under the provisions of the EIA notification, 2006, subject to the compliance of term and conditions as under:-	Based on the proposal submitted by the PP and recommendations of EAC (Industry-2) the Ministry of Environment, Forest and Climate change hereby accords environmental clearance to the project for Manufacturing specialty Chemicals of capacity 70 TPM (3 nos. of products) and <u>Agro-chemicals of capacity 1375 TPM</u> (54 nos. of Products) by M/s. Crimsun Organics (P) Ltd at plot no C-9,10 & 11 SIPCOT Industrial complex, village Kudikkadu, District Cuddalore (Tamil Nadu) under the provisions of the EIA notification, 2006, subject to the compliance of term and conditions as under:-

3. The EAC also deliberated on the compliance to 33% greenbelt development. The reported that the Plant has total 18051.03 m² of the area. To meet the 33% of the green area norms, it is required to develop 5956.84 m² area as greenbelt. The PP has done plantation within the site as well as outside the site. Out of 5 acres of land, 1 acre of land has been developed as a green belt. Approx. 225 number of trees have been planted. Additionally, 4100 number of trees in remaining 4 acres' land shall be planted within next 3-4 months. As sought by the EAC, the PP submitted quantification of efficiency and emission load difference between 10 TPH and 5 TPH boilers and the pollution load of the products.

4. After detailed deliberations, the EAC accepted the request of the PP and **recommended** the proposal for Amendment in EC, as detailed in the above mentioned table. The EAC also recommended the following additional specific conditions:

- (i). All necessary precautions shall be taken to avoid accidents and action plan shall be implemented for avoiding accidents. The PP shall implement the onsite/offsite emergency plan/mock drill etc. and mitigation measures as prescribed under the rules and guidelines issued in the Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989, as amended time to time, and the Chemical Accidents (Emergency Planning, Preparedness and Response) Rules, 1996.

- (ii). The PP shall utilize modern technologies for capturing of carbon emitted and shall also develop carbon sink/carbon sequestration resources capable of capturing more than emitted. The implementation report shall be submitted to the IRO, MoEF&CC in this regard.
- (iii). The PP shall develop Greenbelt over an area at least 5956.84 m² by planting 4100 number of trees of year grant of EC. The saplings selected for the plantation should be of sufficient height, preferably 6-ft (about 2m). In addition to this, the budget earmarked for the plantation shall be minimum ₹ 32,15,381 and shall be kept in separate account and should be audited annually. The PP should annually submit the audited statement along with proof of activities viz. photographs (before & after with geo-location date & time), details of the expert agency engaged, details of species planted, number of species planted, survival rate, density of plantation etc. to the Regional Office of MoEF&CC before 1st July of every year for the activities carried out during the previous year.

5. In view of the above, the Ministry of environment, Forest and Climate Change hereby grants amendment (as mentioned in para 2 above) in the Environmental Clearance dated 28.03.2019 subject to compliance of additional conditions (as mentioned in para 4 above). All other terms and conditions stipulated in the EC dated 28.03.2019 shall remain unchanged.

This issues with approval of the Competent Authority.


(Dr. Motipalli Ramesh)
Scientist 'E'

Copy to:

1. The Deputy Director General of Forests (C), Ministry of Environment, Forest and Climate Change, Regional Office (SEZ), 1st and 2nd Floor, Handloom Export Promotion Council, 34, Cathedral Garden Road, Nungambakkam, Chennai-34.
2. The Principal Secretary to Government, Department of Environment, Climate Change and Forests, Government of Tamil Nadu, No. 1, Jeenis Road, Panagal Building, Ground Floor, Saidapet, Chennai-600 015.
3. The Member Secretary, Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Delhi - 32
4. The Member Secretary, Tamil Nadu Pollution Control Board, 76, Mount Salai, Guindy, Chennai - 600 032
5. The Member Secretary, Central Ground Water Authority, Jamnagar House, 18/11, Man Singh Road Area, New Delhi, Delhi 110001
6. The District Collector, District Cuddalore, Tamil Nadu.
7. Guard File/Monitoring File/PARIVESH


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