WANKSONS
CHEMICAL INDUSTRIES PVT. LTD.
Regd. & Admn. Office : 9, Shreepal Complex, Suren Road, Nr. Cine Magic Cinema, Chakala, Andheri (E), Mumbai - 400 093.
Tel. Fax : (022) 26821133 (10 lines)
E-mail : office@wanksons.com
Website : www.wanksons.com

BY HAND DELIVERY/RPAD

Date: May 05, 2019

To,
The Member Secretary (Industry-II)
Ministry of Environment, Forest & Climate Change
Government of India, Indira Paryavarn Bhavan,
Aliganj, Jor Bagh Road,
New Delhi – 110 003

SUB: **ADDITIONAL INFORMATION TO OBTAIN EC FOR PROPOSED EXPANSION OF PESTICIDE TECHNICAL, PESTICIDE SPECIFIC INTERMEDIATES AND SPECIALTY ORGANIC CHEMICALS IN EXISTING PLANT AT PLOT NO. 518, GIDC INDUSTRIAL ESTATE, PANOLI, TAL: ANKLESHWAR, DIST: BHARUCH-394116, GUJARAT OF M/S. WANKSONS CHEMICAL INDUSTRIES PVT. LTD.**

CATEGORY: **A-5(b) & 5(F)**

REF NO.: **1) File NO. IA-J-11011/223/2018-IA-II (I) & Proposal No. IA/GJ/IND2/79057/2014**
3) EC Meeting Dated: 28/02/2019
2) ADS Dated: 20/03/2019

Dear Sir,

This has reference to the above. We are submitting herewith additional information as per Minute of the Meeting dated: 28/02/2019 to obtain EC for Proposed Expansion of Pesticide Technical, Pesticide Specific Intermediates and Specialty Organic Chemicals in Existing Plant at Plot No. 518, GIDC Industrial Estate - Panoli, Tal: Ankleshwar, Dist: Bharuch-394116, Gujarat of M/S. Wanksons Chemical Industries Pvt. Ltd.

We request your kind self to grant us EC and oblige us.

Thank You.
Yours faithfully,
For **Wanksons Chemical Industries Pvt. Ltd.**

Indrasinh Parmar
(GM - Production)

Minute of Meeting:

Agenda No.4.7.8

Expansion of pesticides technical and specialty chemicals in existing unit at Plot No.518, GIDC Industrial Estate, Panoli, Taluka Ankleshwar, District Bharuch (Gujarat) by M/s Wanksons Chemical Industries Pvt Ltd - For Environmental Clearance

[IA/GJ/IND2/79057/2014, GPCB/BRCH/CCA-172(40/ID-15783/218554]

The project proponent and their consultant M/s Aqua-Air Environmental Engineers Pvt Ltd, made a detailed presentation on the salient features of the project.

4.7.8.1 During deliberations, the EAC noted the following: -

The proposal is for environmental clearance to the project for expansion of Pesticide Technical & Specialty Chemicals from 286 TPM to 1112 TPM by M/s Wanksons Chemical Industries Pvt Ltd in an area of 10,290 sqm located at Plot No.518, GIDC Industrial Estate, Panoli, Taluka Ankleshwar, District Bharuch (Gujarat).

The details of the proposed and existing products are as under:-

S.No.	Products	CAS No.	Production Capacity (MT/Month)			LD_{50} (mg/Kg)	Category
			Existing	Proposed	Total		
Pesticide Technical							
1	Dichlorovos Technical (DDVP)	62-73-7	20	180	200	1100	5 (b)
2	Hexaconzole (T)	79983-71-4	--			2000	5 (b)
3	Tebuconzole (T)	107534-96-3				5000	5 (b)
4	Propioconzole (T)	60207-90-1				4000	5 (b)
5	1,2,4-Triazole	288-88-0				2300	5 (b)
6	Profenofos (T)	41198-08-7				2560	5 (b)
Specialty Chemicals							
7	Chloral (Trichloro Acetaldehyde)	75-87-6	213	400	400	168	5 (f)
8	Meta Chloro Propio Phenone (3-CPP)	936-59-4	10	15	15	482	5 (f)
9	3-(Bromo ethyl)-2-chloro-4-(methyl sulfonyl) Benzoic	53250-83-2	25	Nil	25	1600	5 (f)

	Acid (PIA-4)						
10	S-Benzyl O, O Diisopropyl Phosphorothioate (PIZ)	26087-47-8	10	Nil	10	790	5 (f)
11	Dimethyl Amine Hydrochloride (DMA - HCl)	506-59-2	10	25	25	1600	5 (f)
12	Iso Propyl Alcohol Hydrochloride (IPA HCL)	7647-01-0				IPA - 12870 & HCL - 5010	5 (f)
13	Methanolic Hydrochloride	9004-54-0				15800	5 (f)
14	Ethyl Acetate Hydrochloride	5407-04-5	-			5000	5 (f)
15	Ethyl Alcohol Hydrochloride	9004-54-0	-			5000	5 (f)
16	Propionyl chloride	79-03-8	-	24	24	823	5 (f)
17	Propiophenone	93-55-0	-	30	30	4500	5 (f)
18	2-Bromo 3-Chloro Propiophenone	34911-51-8	-	4	4	2000	5 (f)
19	3-Methoxy Propiophenone	37951-49-8	-	4	4	1950	5 (f)
20	3-Hydroxy Propiophenone	13103-80-5	-	4	4	1310	5 (f)
21	Cyano Acetic Acid	372-09-8	-	10	10	1500	5 (f)
22	7-Ethyl Tryptophol (7-ETP)	41340-36-7	-	5	5	391	5 (f)
23	Closantel Amine	57808-65-8	-	5	5	5780	5 (f)
24	Diethyl Ketone	96-22-0	--	10	10	2900	5 (f)
25	TBPO (Tributyl phosphate)	126-73-8	--	60	60	2000	5 (f)
		Total	286	826	1112		

Note: DDVP technical and 76% is now banned in pesticide list of CIB, so we have discontinued the DDVP technical and 76% from 31/12/2018 from the product list. We undertaken that company will not manufacture DDVP technical and 76%.

BY-PRODUCTS

S. No.	By-Products	CAS No.	Capacity (TPM)	
			Existing	Total
1	Regenerated Sulfuric Acid (72%)	7664-93-9	396	653
2	Dilute Hydrochloric Acid (30-32%)	7647-01-0	690*	1200*
	Dilute Hydrochloric Acid (20%)		0.723**	1.257**
3	Ethyl Chloride	75-00-3	104	180

4	Methyl Chloride	74-87-3	2.29	4.58
5	HBr	10035-10-6	6.45	42
6	Poly Aluminium Chloride (PAC) – 100%	1327-41-9	7.5	46
7	Sodium Hypochlorite (10%)	7681-52-9	90	120

* **Existing:**(656 - 11.5 = 644.5 MT). 11.5 MT converts to HCl gas & Consumes as raw material in existing products i.e. DMA – Hydrochloride, IPA HCL and Methaonolic Hydrochloride.
* **Total after Proposed Expansion:** (1200 – 25 = 1175 MT). 25 MT will be converted to HCl gas & Consumed as raw material in existing products i.e. 3-CPP, DMA – Hydrochloride, IPA HCL and Methaonolic Hydrochloride and Propiophenone.
** HCl (20%) converts and to be converted to HCl (30-32%) and sell to actual user.

The existing technical pesticides are reported to have been manufactured from the year 2014, under product mix change category.

The project/activities are covered under category A of item 5(b) 'Pesticides industry and Pesticide specific intermediates' and 5 (f) 'Synthetic organic Chemicals' of the Schedule to the Environment Impact Assessment Notification, 2006, and requires appraisal/approval at central level by the sectoral EAC in the Ministry.

Standard ToR for the project was granted on 10th August, 2018. Public hearing is exempted as the project is located in the notified Industrial area as per Ministry's OM dated 27th April, 2018.

Existing land area is 10,290 sqm, no additional land is required for the proposed expansion. Industry has developed greenbelt in an area of 2100 sqm, covering 21% of the total project area. The estimated project cost is Rs. 25.81crores. Total capital cost earmarked towards environmental pollution control measures is Rs.1.6 crores and the recurring cost (operation and maintenance) will be about Rs.5.0 crores per annum. Employment opportunity will be for 160 persons directly and 70 persons indirectly after expansion.

There are no National Parks, Wildlife Sanctuaries, Biosphere Reserves, Tiger/Elephant Reserves, Wildlife Corridors, rivers etc. within 10 km distance from the project site.
Ambient air quality monitoring was carried out at 9 locations during March - May, 2017 and the baseline data indicates the ranges of concentrations as: PM10 (73.09-96.39 µg/m3), PM2.5 (43.45-51.28 µg/m3), SO2 (15.75-26.72 µg/m3) and NO2 (18.63-28.53 µg/m3) respectively. AAQ modeling study for point source emissions indicates that the maximum incremental GLCs after the proposed project would be 0.32 µg/m3, 0.56 µg/m3 and 0.20 µg/m3 with respect to PM10, SOx and NOx. The resultant concentrations are within the National Ambient Air Quality Standards.

Total water requirement is estimated to be 179 cum/day, which includes fresh water requirement of 135 cum/day, proposed to be met from GIDC Water Supply.

Total industrial effluent generated from the plant will be 78.5 cum/day. Existing effluent of 6.37 cum/day is treated through ETP consisting of primary treatment facility, and domestic water of 5 cum/day, are being sent to CETP operated by M/s PETL for further treatment. Additional effluent of 48.7 cum/day will be treated in proposed ETP consisting of primary treatment facility and followed by solvent stripper and MEE. MEE condensate of 44 cum/day will be reused in

plant premises for boiler feed water, cooling water and washing purpose. Additional domestic wastewater of 23.5 cum/day will be sent to CETP of M/s PETL for further treatment. It is informed that treated water of 29.8 cum/day shall be sent to CETP of M/s PETL, only during emergency. It has been assured that existing and proposed unit shall ensure zero liquid discharge and there will be no discharge of treated/untreated waste water from the unit.

Power requirement after expansion will be 1000 KVA including existing and will be met from DGVCL. Existing unit has one DG set of 350 KVA capacity, additionally two DG set of 380 KVA and 250 KVA will be used as standby during power failure. Stack (height 11 m) will be provided as per CPCB norms to the DG sets.

Existing unit has one 3 TPH natural gas fired steam Boiler with dust collector. Additionally, one 4 Lac Kcal/hr Thermic Fluid Heater and two process vent are proposed in the unit.

The unit has been operational since the year 1990 with CTE/CTO from Gujarat Pollution Control Board and hence EC is not made available for the existing operations.

The expenditure towards CER for the project would be 2.5% of the project cost as committed by the project proponent.

4.7.8.2 *The Expert Appraisal Committee, after deliberations, observed that production of technical pesticides (products listed at S.No.1-6) including the presently banned Dichlorovos Technical, started in the year 2014 only without obtaining prior environmental clearance, which amounts to violation of the EIA Notification, 2006 and attracts action under the Environment (Protection) Act, 1986.*

However, for further action into the matter, the Committee desired for clarification/comments in respect of the following:-

- *Requirement of prior environmental clearance for the presently manufactured pesticides and other products.*
- *Justification for the product mix change, which in turn changes categorization vis-à-vis the schedule of the EIA Notification, 2006, duly endorsed by the State Pollution Control Board.*
- *CTO from the GPCB for the products started production before inception of the EIA Notification, 2006.*
- *Safety and risk assessment with advanced models.*

The proposal was deferred for the needful on the above lines.

Reply to Query:

Sr. No.	Query as per minutes of meeting	Reply	Page No.
1	Requirement of prior environmental clearance for the presently manufactured pesticides and other products.	Requirement of prior environmental clearance for the presently manufactured pesticides and other products is given in Answer-1.	7 of 40
2	Justification for the product mix change, which in turn changes categorization vis-à-vis the schedule of the EIA Notification, 2006, duly endorsed by the State Pollution Control Board.	Justification for the product mix change, which in turn changes categorization vis-à-vis the schedule of the EIA Notification, 2006, duly endorsed by the State Pollution Control Board is given in Answer-2.	8 of 40
3	CTO from the GPCB for the products started production before inception of the EIA Notification, 2006.	CTO from the GPCB for the products started production before inception of the EIA Notification, 2006 is given in Answer-3 (Annexure-1 & 2).	8 of 40
4	Safety and risk assessment with advanced models.	Safety and risk assessment with advanced models is given in Answer-4.	9 of 40

1) Requirement of prior environmental clearance for the presently manufactured pesticides and other products.

Answer-1:

Company obtained the first Consent to Establish for 25 MT/Month in 1990 (Refer Annexure-1). Then company amended the consent to operate for Chloral -300 MT/Month in 2005 (Refer Annexure-2) which is specialty chemicals, not pesticide products. As per EIA notification 1994, there is no requirement to obtain EC for Specialty Chemicals.

After EIA Notification 2006, EC is applicable to Specialty Chemicals but company obtained consent to operate for Chloral -300 MT/Month in 2005.

Then company applied for Product mix to add some products and total production capacity from 300 MT/Month to 286 MT/Month and without increase in pollution load and obtained on 09/04/2014 from Gujarat Pollution Control Board (Refer Annexure-3). One of the product is Pesticide technical grade in product mix application which is different category but "Endorsement of transfer of Registration Certificate from M/s Syschem (lndia) Limited (Formerly Anil Pesticides Ltd.), Regd. office at Village Bargodam, Tehsil Kalka, Dist. Panchkula, Haryana- 133 302 to M/s Wanksons Chemical Industries Pvt. Ltd., Regd. office at 607, Maker Chamber-V, 5th Floor, J.B' Marg, Nariman Point Mumbai- 400 021, Factory Add: Shed No. 518, GlDC Industrial Estate, Panoli, Dist. Bharuch (Gujarat) in respect of Registration Certificate No. CIR/17, 174/93-Dichlorvos (Tech.)-467 dated: 09/03/2011" (Refer Annexure-5) and according to this, DDVP was added to product list and other products are specialty chemicals, so there were no requirement to obtain the environmental Clearance for that.

As per pesticide banned products regulation, company stopped the production of DDVP in December, 2018.

Then company again obtained Consent to establish for product mix for 283 MT/Month instead of 286 MT/Month vide letter No. GPCB/ANK/CCA-172(6)/ID-15873/426421 dated: 30/10/2017(Refer Annexure-4).

Total Production of Existing Organic Products is 283 MT/Month:

Total Existing Production is 1433 MT/Month (Manufacturing: 283 MT/Month + Formulation: 1150 MT/Month) instead of 1550 MT/Month as per CCA having CCA No: AWH-89031 dated Oct. 30, 2017 valid up to Apr. 4, 2019.

Formulation of Products does not require EC.

2) Justification for the product mix change, which in turn changes categorization vis-à-vis the schedule of the EIA Notification, 2006, duly endorsed by the State Pollution Control Board.

Answer-2: Company obtained the first Consent to Establish for 25 MT/Month in 1990 (Refer Annexure-1). Then company amended the consent to operate for Chloral -300 MT/Month in 2005 (Refer Annexure-2) which is specialty chemicals, not pesticide products. As per EIA notification 1994, there is no requirement to obtain EC for Specialty Chemicals.

After EIA Notification 2006, EC is applicable to Specialty Chemicals but company obtained consent to operate for Chloral -300 MT/Month in 2005.

Then company applied for Product mix to add some products and total production capacity from 300 MT/Month to 286 MT/Month and without increase in pollution load and obtained on 09/04/2014 from Gujarat Pollution Control Board (Refer Annexure-3). One of the product is Pesticide technical grade in product mix application which is different category but "Endorsement of transfer of Registration Certificate from M/s Syschem (India) Limited (Formerly Anil Pesticides Ltd.), Regd. office at Village Bargodam, Tehsil Kalka, Dist. Panchkula, Haryana- 133 302 to M/s Wanksons Chemical Industries Pvt. Ltd., Regd. office at 607, Maker Chamber-V, 5th Floor, J.B' Marg, Nariman Point Mumbai- 400 021, Factory Add: Shed No. 518, GIDC Industrial Estate, Panoli, Dist. Bharuch (Gujarat) in respect of Registration Certificate No. CIR/17, 174/93-Dichlorvos (Tech.)-467 dated: 09/03/2011" (Refer Annexure-5) and according to this, DDVP was added to product list and other products are specialty chemicals, so there were no requirement to obtain the environmental Clearance for that.

As per pesticide banned products regulation, company stopped the production of DDVP in December, 2018.

3) CTO from the GPCB for the products started production before inception of the EIA Notification, 2006.

Answer-3: Company obtained the first Consent to Establish for 25 MT/Month in 1990 (Refer Annexure-1). Then company amended the consent to operate for Chloral -300 MT/Month in 2005 (Refer Annexure-2) which is specialty chemicals, not pesticide products. As per EIA notification 1994, there is no requirement to obtain EC for Specialty Chemicals.

After EIA Notification 2006, EC is applicable to Specialty Chemicals but company obtained consent to operate for Chloral -300 MT/Month in 2005.

4) Safety and risk assessment with advanced models.

Answer-4: Safety and risk assessment with advanced models is referred as Annexure-6.

Annexure-1 CTE vide letter No. PC/NOC/BRCH-595/6335 dated: 30/04/1990

Gujarat Pollution Control Board

Sector 10-A GANDHINAGAR 382 043
Phone 22758, 22095, 22096 Gram CLEANWATER
Telex : 1203-280 GPCB IN

NO. PC/NOC/BRCH-595/6335

30 APR 1990

TO,

M/s. Wanksons Chemical Industries Pvt.Ltd.,
607, Maker Chembers -V,
6th Floor,
221 - J Bajaj Marg,
Nariman Point,
Bombay 400 021

Sub : NO OBJECTION CERTIFICATE
Ref : Your letter dated : 29.3.'90

Sir,

Without prejudice to the powers of this Board under the Water (Prevention and Control of Pollution) Act-1974 and Air (Prevention and Control of Pollution) Act-1981 and without reducing your responsibilities under the said Acts in any way, this is to inform you that this Board has NO OBJECTION to your setting up of an industrial plant at Plot No. 518, G.I.D.C. Panoli Dist. Bharuch for the manufacture of the following items :-

ITEM	CAPACITY
Chloral	25.0 MT/Month
Methyl Dichloro Acetate	12.5 "

SUBJECT TO THE FOLLOWING CONDITIONS :-

1 The quantity of the industrial effluent shall not exceed 2872 lit/

2 The industrial effluent shall be treated to conform to the followi standards :-

Parameter	Permissible limit
pH	6.5 to 8.5
Temprature	45 °C
Colour	20 Units
Suspenddd solids	100 Mg/l.
Oil and Grease	10 "
Phenolic Compounds	1 "
Cyanides	0.2 "
Fluorides	2.0 "
Sulphides	2 "
Ammonical Nitrogen	50 "
Arsenic	0.2 "
Total Chromium	2 "
Hexavalent Chromium	0.1 "
Copper	3 "
Lead	0.1 "
Mercury	0.01 "

.. 2 ....

FOR WANKSONS CHEMICAL INDUSTRIES PVT. LTD.

DIRECTOR

Nickel	3	mg/l.
Zinc	5	"
BOD	15	"
COD	50	"
Chlorides	600	"
Sulphates	1000	"
Total dissolved solids	2100	"
Insecticides/Pesticides	Absent	

3= The effluent conforming to the above standards shall be discharge in to G.I.D.C. drain.

4 The gaseous emission, shall conform to the following standards :-

Particulate Matter	Less than	250	mg/Nm^3
SO_2	" "	100	ppm
NO_x	" "	50	"
Ammonia	" "	250	"
Cl_2	" "	5	"
HCl	" "	25	"

5 Sewage shall be disposed of through septic tank/soak pit system or it shall be treated alongwith the industrial effluent or it sha be treated separately to conform to the following standards and shall be utilised on land for irrigation and plantation.

BOD	Less than	20	mg/l.
Suspended solids	" "	30	"
Residual Chlorine	minimum	0.5	ppm

6 All environmental pollution control measures for the control of water and air pollution shall be provided before commencing production.

7 Solid waste shall be disposed of by incineration or it shall be disposed by sanitary land filling method at a site approved by the Board.

8 Adequate plantation shall be carried out all along the periphery of the industrial premises in such a way that the density of plantation is atleast 1000 trees per acre of land and a green belt of 10 meters width is developed.

9 A clearance certificate shall be obtained from the Chief inspectorate of Factories inrespect of safety aspects.

10 The applicant shall have to submit returns in prescribed forms regarding water consumption and shall have to make payment of water cess to the Board under the Water Cess Act, 1977.

11 In case of change of ownership/management the name and address of the new owner/Partners/Directors/Proprietors should immediately be intimated to the Board.

The applicant shall however, not without the prior consent of the Board bring into use any new or altered outlet for the discharge of effluent or gaseous emission from the proposed industrial plant. The applicant is required to make application to this Board for this purpose in the prescribed forms under the provisions of Water Act-1974 and Air Act- 1981.

Annexure-2

Copy of Consent to Operate dated: 14/03/2005 before EIA Notification, 2006 for 300 MT/Month:

GUJARAT POLLUTION CONTROL BOARD
Paryavaran Bhavan
Sector-10-A, Gandhinagar - 382 010.
Phone : 23222756, 23222095, 23222096
Gram : CLEANWATER
Fax : (079) 23232156
Website : www.gpcb.gov.in

14 MAR 2005

NO.GPCB/BRCH/CCA-172/ 7114
Amendment To Consolidated Consent Order **No.1262**
Dated :04/02/2004

Read
16/3/05

TO,
M/s. WANKSONS CHEMICAL INDUSTRIES PVT. LTD.,
PLOT NO. 518
GIDC ESTATE, PANOLI,
DIST. BHARUCH.

In exercise of the power conferred under section-25of the Water (Prevention and Control of Pollution) Act-1974, under section-21 of the Air (Prevention and Control of Pollution) Act-1981 and Authorization under rule 3(c) & 5(5) of the Hazardous Waste (Management and Handling) Rules'1989 & as amended up to year 2000 framed under the E(P)Act-1986.

And whereas Board has received consolidated application dated **24/09/2004** for the consolidated consent and authorization (CC & A) of this Board under the provisions / rules of the aforesaid Acts Consent & Authorization is hereby granted to **M/s. WANKSONS CHEMICAL INDUSTRIES PVT. LTD.,** Located at PLOT NO. 518, GIDC ESTATE, PANOLI, DIST. BHARUCH vide this office letter NO.PC/BRCH/CCA-172/3145 alongwith Consolidated Consent Order No.1262, dated 04/02/2004 is being subjected to amendment for the following conditions only:

1. The consent under Water Act –1974 shall be valid up to **31/12/2005** for conveying the industrial effluent to the CETP of **M/s. ETL** for the treatment and disposal of treated effluent & The consent under Air Act – 1981, Authorization under Environment (Protection) Act, 1986 shall be valid up to **08/08/2008** to operate industrial plant for manufacture of the following products:

ITEMS	CAPACITY
Chloral	300 MT/Month
By Product	
(1) Regenerated H_2SO_4 (72%)	400 MT/Month
(2) HCL	900 MT/Month
(3) Ethyl Chloride	165 MT/Month
(4) Sodium Hydroxide (NaOH) 28%	90 MT/Month
(5) Spent H_2SO_4	60 MT/Month

2. **CONDITION UNDER THE WATER ACT:**

2.1 The quantity of industrial effluent shall not exceed **6365** Lit/day

2.2 The quantity of sewage shall not exceed **4000** Lit/day

(9)

1

3. **TRADE EFFLUENT:**

3.1 Sewage shall be disposed to through Septic Tank /soak pit system.

3.2 The applicant shall be required to make storage facilities to store the effluent for atleast 48 hours by providing acid proof brick lined impervious tanks/HDPE tanks.

3.3 The applicant shall make fixed arrangement for loading the effluent from their collection tanks to the tanker of ETL. The unit shall not keep any by-pass line or system or loose or flexible pipe line for loading the effluent into the tanker of ETL.

3.4 Leachate from the hazardous solid waste, if any shall also be connected into a collection tank through leachate collection facilities and shall be conveyed alongwith industrial effluent to the CETP of ETL.

3.5 Magnetic flow meters shall be installed at the inlet & outlet of effluent collection tanks/ETP to measure the quantity of effluent lifted into the tanker of ETL.

3.6 The ENTIRE quantity of industrial effluent shall have to be conveyed to ETL. In no circumstances the effluent either treated or untreated shall be discharged into GIDC drain or any where else.

3.7 Disposal system for storm water shall be provided separately. In no circumstances storm water shall be mixed with the industrial effluent.

3.8 The applicant shall be responsible for loading its effluent into the tankers of the ETL for transporting the effluent. Due care shall be taken to avoid any leakage or spillage of effluent during loading the tanker.

3.9 ETL shall strictly observe & comply to the standards for the discharge of trade effluent / sewage in to Amlakhadi as per notification No.P/111(3) Board's standards/33129, dated 30th October, 2001.

3.10 ETL have to modify / improve performance of existing Effluent treatment facilities for efficiency & adequacy in order to comply with prescribed standards in respects of effective operation of effluent treatment plant with regards to notification No.P/111(3) Board's standards/33129 dated 30th October 2001 in light of High Court order in SCA No.4473 of'97 dated 21/10/99.

3.11 ETL shall have to convey the treated trade effluent by road tankers to the final pumping station of the Ankleshwar Estate under the supervision of AIA & GIDC till foolproof conveyance system is provided for the whole of Ankleshwar GIDC Estate.

3.12 If the effluent contains heavy metals, phenols & cyanide, the ETL member unit shall have to treat the effluent within its premises to conform to the following standards (Whichever applicable)

PARAMETERS	PERMISSIBLE LIMIT
Zinc (Zn)	5.0 mg/l
Total Chromium	2.0 mg/l

GUJARAT POLLUTION CONTROL BOARD
Paryavaran Bhavan
Sector-10-A, Gandhinagar - 382 010.
Phone : 23222756, 23222095, 23222096
Gram : CLEANWATER
Fax : (079) 23232156
Website : www.gpcb.gov.in

Nickel (Ni)	3.0 mg/l
Mercury (Hg)	0.01 mg/l
Cyanide (as CN)	0.2 mg/l
Pesticides	Absent
Phenolic Compounds	1.0 mg/l
Lead (Pb)	0.1 mg/l
Copper (Cu)	3.0 mg/l
Hexavalent Chromium	0.1 mg/l
Cadmium (Cd)	1.0 mg/l
Arsenic (As)	0.2 mg/l
Selenium	0.05 mg/l

3.13 The applicant shall keep accurate records of quantity of production of each product, quantity of water consumption, quantity of effluent generated and consumption of electricity on day to day basis and required to submit the complied record of one month to GPCB & ETL on or before fifth day of the succeeding month.

3.14 In case of shut-down of plant for more than three days for any reason, the ETL unit member shall intimate to ETL authority & GPCB well in advance for the better operation & management of CETP.

3.15 The applicant shall either stop or curtail its production activities if the effluent is not adequately treated by the CETP of ETL to conform to the standards specified by G.P.C.B.

3.16 The authorised representative of ETL shall have right of entry at any time for the purpose of inspection and monitoring the effluent collection facilities/ETP (if required) of the applicant.

3.17 In case of incinerators, the flow measuring devices for mother liquor/toxic effluent/Non-biodegradable effluent, light diesel oil, Furnace oil, etc. i.e. fuel used for combustion, air used for combustion shall be separately provided. Incinerator temperature recording devices as well as gaseous flow measuring devices for scrubber shall also be provided. These data of temperature & flow should be recorded every day & submitted to GPCB & ETL on monthly basis.

3.18 The GIDC drainage connection given by the GIDC for discharge of industrial effluent shall be disconnected & the outlet shall be sealed.

3.19 If the ETL authority terminates the membership of CETP, the ETL member unit shall have to close down the manufacturing activities/industrial operation of the process plant immediately until the ETL membership is resumed.

3.20 The applicant shall also comply with the General Condition (whichever applicable from No 1 to 25) attached herewith.

3.21 The applicant shall put up at the entrance a board displaying ETL membership number & date of joining of ETL, the name of unit, particulars of the products/ process and the name of proprietor/partners /directors of the unit and the electricity consumer number as on the record of GEB.

(9)

3.22 The Environmental Management Unit / Cell shall be setup to ensure implementation on and monitoring of environmental safeguards and other conditions stipulated by statutory authorities. The Environmental Management Cell / Unit shall directly report to the Chief Executive of the organisation and shall work as a focal point for internalizing environmental issues. These cells/units shall also coordinate the exercise of environmental audit and preparation of environmental statements.

3.23 The Environmental audit shall be carried out yearly and the environmental statements pertaining to the previous year shall be submitting to this State Board latest by 30th September every year.

3.24 The Board reserves the right to review and/or revoke the consent and/or make modifications in the conditions which it deems fit in accordance with provisions of Water Act-1974.

3.25 In case of change of ownership/management the name and address of the new owners/partners/directors/proprietor should immediately be intimated to the Board.

3.26 The applicant shall have to submit EVERY MONTH the certified copies of challans (endorsed by ETL) regarding the quantity of industrial effluent (No. of Tankers) delivered per month to CETP of ETL.

3.27 Unit shall strictly observe & comply to the standards for the discharge of trade effluent / sewage in to Amlakhadi as per notification No.P/111(3) Board's standards /33129, dated 30th October, 2001.

3.28 Unit have to modify / improve performance of existing Effluent treatment facilities for efficiency & adequacy in order to comply with prescribed standards in respects of effective operation of effluent treatment plant with regards to notification No.P/111(3) Board's standards/33129 dated 30th October 2001 in light of High Court order in SCA No.4473 of'97 dated 21/10/99.

4. CONDITIONS UNDER THE AIR ACT:

4.1 The following shall be used as fuel in boiler respectively.

Sr. No.	Fuel	Quantity
1.	HSD	2.0 Lit/day
2.	Natural Gas	206 M^3/day

4.2 The applicant shall install & operate a comprehensive adequate air pollution in order to achieve prescribed norms control system so as to achieve standards.

GUJARAT POLLUTION CONTROL BOARD
Paryavaran Bhavan
Sector-10-A, Gandhinagar - 382 010.
Phone : 23222756, 23222095, 23222096
Gram : CLEANWATER
Fax : (079) 23232156
Website : www.gpcb.gov.in

4.2.1. The flue gas emission through stack attached to boiler shall conform to the following standards:

Stack No.	Stack Attached To	Stack Height in Meter	Parameter	Permissible Limit
1.	Boiler	30	Particulate matter SO_2 NO_x	150 mg/NM^3 100 ppm 50 ppm

4.2.2. The Process emission through various stacks/vent of reactors, process, vessel shall conform to the following standards

Stack No.	Stack Attached To	Stack Height in Meter	Air Pollution Control System	Parameter	Permissible Limit
1.	Chlorinator & distillation reactor	13	Water Scrubber 4 Nos. in Series + Caustic Scrubber	HCL CL_2	20 mg/NM^3 09 mg/NM^3

4.2.3 The concentration of the following parameters in the ambient air within the premises of the industry shall not exceed the limits specified hereunder.

PARAMETER	PERMISSIBLE LIMIT
Suspended Particulate Matter	500 microgram per cubic meter
Oxides Of Sulphur	120 microgram per cubic meter
Oxides Of Nitrogen	120 microgram per cubic meter
HCL	200 microgram per cubic meter
CL_2	100 microgram per cubic meter

4.2.4. The applicant shall operate industrial plant / air pollution control equipment very efficiently and continuously so that the gaseous emission always conforms to the standards specified in condition no.4.2.1 and 4.2.2. & 4.2.3. above.

4.2.5. The consent to operate the industrial plant shall lapse if at any time the parameters of the gaseous emission are not within the tolerance limits specified in the condition no.4.2.1 and 4.2.2. & 4.2.3. above.

4.3 The applicant shall provide portholes, ladder, platform etc at chimney(s) for monitoring the air emissions and the same shall be open for inspection to/and for use of Board's staff. The chimney(s) vents attached to various sources of emission shall be designed by numbers such as S-1,S-2,etc.and these shall be painted/displayed to facilitate identification.

(9)

4.4 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 standards in respect of noise to less than 75dB(a) during day time and70 dB(A)during night time. Daytime is reckoned in between 6a.m. and10 p.m. and nighttime is reckoned between 10 p.m. and 6 a.m.

5. **GENERAL CONDITIONS: -**

5.1 Any change in personnel, equipment or working conditions as mentioned in the consents form/order should immediately be intimated to this Board.

5.2 Applicant shall also comply with the general conditions given in annexure I.

6. **AUTHORISATION FOR THE MANAGEMENT & HANDLING OF HAZARDOUS WASTES Form-2 (See rule 3 (c) & 5 (5))**

Form for grant of authorization for occupier or operator handling hazardous waste

6.1 Number of authorization : **1262** Date of issue: 14-3-05

6.2 **M/s. WANKSONS CHEMICAL INDUSTRIES PVT. LTD.** is hereby granted an authorization to operate facility for following hazardous wastes on the premises situated at **Plot No. 518, GIDC Estate PANOLI, Dist. BHARUCH.**

Sr. No.	Waste	Quantity	Schedule-I	Facility
1.	ETP	4.92 MT/Y	34.3	Collection, storage, Transportation, Disposal at TSDF (BEIL)
2.	Used Oil	120 Lit/Y	5.1	Collections, storage, transportation, Disposal by selling to Registered reprocess.
3.	Discarded Containers/ drums	2400 #/Y	33.3	Collection, storage, Decontamination, Transportation, disposal by selling to authorized recycler.

6.3 The authorization is granted to operate a facility for collection, storage of Hazardous wastes at factory premises transportation and disposal to TSDF by M/s. BEIL. & as per condition no.5.2.1./3.

6.4 The authorization shall be in force for a period up to **08/08/2005.**

6.5 The authorization is subject to the conditions stated below and such other conditions as may be specified in the rules from time to time under the Environment (Protection) Act-1986.

6

GUJARAT POLLUTION CONTROL BOARD
Paryavaran Bhavan
Sector-10-A, Gandhinagar - 382 010.
Phone : 23222756, 23222095, 23222096
Gram : CLEANWATER
Fax : (079) 23232156
Website : www.gpcb.gov.in

6.6 TERMS AND CONDITIONS OF AUTHORISATION

6.6.1 The applicant shall comply with the provisions of the Environment (Protection) Act - 1986 and the rules made there under.

6.6.2 The authorization shall be produced for inspection at the request of an officer authorized by the Gujarat Pollution Control Board.

6.6.3 The persons authorized shall not rent, lend, sell, transfer of otherwise transport the hazardous wastes without obtaining prior permission of the Gujarat Pollution Control Board.

6.6.4 Any unauthorized change in personnel, equipment or working conditions as mentioned in the authorization order by the persons authorized shall constitute a breach of this authorization.

6.6.5 It is the duty of the authorized person to take prior permission of the Gujarat Pollution Control Board to close down the facility.

6.6.6 An application for the renewal of an authorization shall be made as laid down in rule 5 (6) (ii).

6.6.7. Industry shall have to display the relevant information with regard to hazardous waste as indicated in the Court's order in W.P. No.657 of 1995 dated 14th October 2003.

6.6.8 Industry shall have to display on-line data outside the main factory gate with regard to quantity and nature of hazardous chemicals being handled in the plant, including waste water and air emissions and solid hazardous waste generated within the factory premises.

6.6.9 Earlier Authorization no.1262, dated 04/02/2004 shall be considered as cancelled.

7. Earlier CCA order **No.1262 dated 04/02/2004** issued vide letter No.PC/BRCH/CCA-172/3145, dated 04/02/2004 shall be considered as cancelled..

For and on behalf of
Gujarat Pollution Control Board

(V.R. PATEL)
ENVIRONMENTAL ENGINEER

NO.GPCB/BRCH/CC&A-172/
ISSUED TO:
M/s. WANKSONS CHEMICAL INDUSTRIES PVT. LTD.,
PLOT NO. 518,
GIDC ESTATE, PANOLI,
DIST. BHARUCH.

(97)

Annexure-3

Consent to Operate for product mix for 300 MT/Month to 286 MT/Month dated: 09/04/2014

GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN
Sector-10-A, Gandhinagar-382 021.
Website : www.gpcb.gov.in

GPCB

NO.GPCB/BRCH-CC&A-172(4)/ID-15873/ 221025 DT: 4/8/2014 BY R.P.A.D

In exercise of the power conferred under section-25of the Water (Prevention and Control of Pollution) Act-1974, under section-21 of the Air (Prevention and Control of Pollution)Act-1981 and Authorization under rule 3(c)& 5(5)of the Hazardous Waste (Management, Handling & Trans-boundary Movement) Rules 2008 framed under the E(P)Act-1986.

And whereas Board has received consolidated application dated **09/4/2014** vide inward no. **80325** for the consolidated consent and authorization (CC & A) of this Board under the provisions / rules of the aforesaid Acts, Consent & Authorization is hereby granted as under.

CONSENT AND AUTHORISATION:
(Under the provisions / rules of the aforesaid environmental acts)

To,
M/s. WANKSONS CHEMICAL IND.PVT.LTD.,
PLOT NO. 518,
GIDC PANOLI,
DIST. BHARUCH .

1. **Consent Order No. : AWH-63660, date of Issue 09/4/2014.**
2. The consent under Water Act –1974 for conveying the industrial effluent to the CETP of M/s. PETL for the treatment and disposal of treated effluent, The consent under Air Act – 1981 & Authorization under Environment (Protection) Act, 1986 **shall be valid up to 04/4/2019** to operate industrial plant for manufacture of the following products :

Sr. No	Name Of Product & By product	Capacity (MT/Month)		
		Existing	Proposed	Total
PRODUCTS				
1.	Chloral	300	(-)70	230
2.	Endosulfan 35% EC	100	(-)100	0
3.	Meta Chloro Propio phenone (3-cpp)	0	(+)01	1
4.	DDVP-Tech	0	(+)10	10
5.	PIA-4	0	(+)25	25
6.	PIZ	0	(+)10	10
7.	DMA – Hydrochloride	0	(+)10	10 (Either or)
8.	IPA- Hydrochloride	0		
9.	Methaonolic Hydrochloride	0		
10.	Fanvalrate 20% EC	100	0	100
11.	Chloropyriphos 20% EC	100	0	100
12.	Chloropyriphos 48% EC	100	0	100

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Sr. No	Name Of Product & By product	Capacity (MT/Month)		
		Existing	Proposed	Total
13.	Cypermetherin 25% EC	100	0	100
14.	Monocrotophos 36% EC	100	0	100
15.	Cypermetherin 10% EC	100	0	100
16.	DDVP 76% EC (Dichlorovos)	100	0	100
17.	2,4,D Ethyl Ester 38% EC	100	0	100
18.	ImidaChlopride 17.8% SL	100	0	100
19.	Methyl Parathion 50% EC	100	0	100
20.	Mancozeb 75% WP	75	0	75
21.	Acephate 75 % SP	75	0	75
	TOTAL	**1550**	**(-)114**	**1436**
BY PRODUCT				
1.	Regenerated Sulfuric Acid (72 %)	400	(-) 94	306
2.	Dilute Hydrochloric Acid	900	(-) 210	690*
3.	Ethyl Chloride	0	(+) 0.723	0.723
4.	Methyl Chloride	135	(-) 31	104
		0	(+)2.29	2.29
5.	HBr	0	(+) 2.38	2.38
6.	Poly aluminium Chloride (PAC)	0	(+) 6.45	6.45
7.	Sodium Hypochlorite (10%)	0	(+) 7.50	7.50
8.	Spent H_2SO_4	90	0	90
		90	0	90
	TOTAL	**1615**	**- 315.66**	**1299.34 – 11.5* = 1287.84**

Note: For proposed HCl (690 -11.5 * = 678.5) By product HCl gas will be consumed as a raw material in product no.7 /8 / 9

3. CONDITIONS UNDER WATER ACT 1974:

3.1 The quantity of industrial effluent shall be **6. 374 KL/Day.**

3.2 The quantity of the domestic waste water (sewage) shall not exceed **5.000 KL /Day**

3.3 The total water consumption for industrial process and other ancillary operations shall be not exceed **44.700 KL/Day** & water consumption for domestic purpose shall not exceed **5.500 KL/ Day** as mentioned in form D of consent application, submitted under water Act-1974.

3.4 The unit shall affix of water meters as per Section 4 (1) of the water (Prevention and Control of Pollution) Cess Act-1977 for the purpose of measuring and recording the quantity of water consumed at such places as may be required, within 15 days and it shall be presumed that the quantity indicated by the meter has been consumed by the industry until the contrary is proved.

3.5 **The GIDC drainage connection given by the GIDC for discharge of industrial effluent shall be disconnected & the outlet shall be sealed.**

4. TRADE EFFLUENT:

4.1 The applicant shall be required to make storage facilities to store the effluent for at least 48 hours by providing acid proof brick lined impervious tanks/HDPE tanks.

4.2 The applicant shall make fixed arrangement for loading the effluent from their collection tanks to the tanker of PETL. The unit shall not keep any by-pass line or system or loose or flexible pipe line for loading the effluent into the tanker of PETL.

4.3 Leachate from the hazardous solid waste, if any shall also be connected into a collection tank through leachate collection facilities and shall be conveyed along with industrial effluent to the CETP of PETL.

4.4 Magnetic flow meters shall be installed at the inlet & outlet of effluent collection tanks to measure the quantity of effluent lifted into the tanker of PETL.

4.5 The ENTIRE quantity of industrial effluent shall have to be conveyed by PETL. In no circumstances the effluent either treated or untreated shall be discharged into GIDC drain or anywhere else.

4.6 Disposal system for storm water shall be provided separately. In no circumstances storm water shall be mixed with the industrial effluent.

4.7 The applicant shall be responsible for loading its effluent into the tankers of the PETL for transporting the effluent. Due care shall be taken to avoid any leakage or spillage of effluent during loading the tanker.

4.8 If the effluent contains heavy metals, phenols & cyanide, the PETL member unit shall have to treat the effluent within its premises to conform to the following standards (Whichever applicable)

PARAMETERS	PERMISSIBLE LIMIT
Zinc (Zn)	5.0 mg/l
Total Chromium	2.0 mg/l
Nickel (Ni)	3.0 mg/l
Mercury (Hg)	0.01 mg/l
Cyanide (as CN)	0.2 mg/l
Pesticides	Absent
Phenolic Compounds	1.0 mg/l
Lead (Pb)	0.1 mg/l
Copper (Cu)	3.0 mg/l
Hexavalent Chromium	0.1 mg/l
Cadmium (Cd)	1.0 mg/l
Arsenic (As)	0.2 mg/l
Selenium	0.05 mg/l
BOD	3000 mg/l
COD	10000 mg/l
Free Acidity	55000 ppm

4.9 The applicant shall keep accurate records of quantity of production of each product, quantity of water consumption, quantity of effluent generated and consumption of electricity on day to day basis and required to submit the complied record of one month to GPCB & PETL on or before fifth day of the succeeding month.

4.24 Unit have to modify / improve performance of existing Effluent treatment facilities for efficiency & adequacy in order to comply with prescribed standards in respects of effective operation of effluent treatment plant with regards to notification No. P/111(3) Board's standards/33129 dated 30th October 2001 in fight of High Court in SCA No. 4473 of 97 dated 21/20/99.

5. CONDITIONS UNDER AIR ACT 1981:

5.1 The following shall be used as fuel in boiler & D.G.Set respectively.

Sr. No.	Fuel	Quantity
1	Natural Gas	206 m3/Day
2	Diesel	20 Lit/Hr.

5.2 The flue gas emission through stack attached to boiler / furnace shall conform to the following standards:

Stack No.	Stack Attached To	Parameter	Permissible Limit
1.	Boiler	Particulate matter	150 mg/NM³
2	D.G.Set (350 kva)	SO_2	100 ppm
		NO_x	50 ppm

5.3 The process emission through various stack/vent of reactors, process , vessel shall conform to the following standards:

Stack No.	Stack Attached To	Stack Height in Meter	Air Pollution Control System	Parameter	Permissible Limit
1.	Chlorinator & distillation reactor	13	Water Scrubber 4 Nos. in series + Caustic Scrubber	HCL CL_2	20 mg/NM³ 09 mg/NM³
2	Dust collector	20	Powder (Formulation Unit)	NO_x SO_x PM	25 mg/NM³ 40 mg/NM³ 150 mg/NM³

5.4 The concentration of the following parameters in the ambient air within the premises of the industry shall not exceed the limits specified hereunder.

PARAMETER	PERMISSIBLE LIMIT
PM 10	100 microgram per cubic meter
PM 2.5	60 microgram per cubic meter
Oxides Of Sulphur	80 microgram per cubic meter
Oxides Of Nitrogen	80 microgram per cubic meter

5.5 The applicant shall operate industrial plant/ air pollution control equipment very efficiently and continuously so that the gaseous emission always conforms to the standards specified in condition no. 5.2.2 & 5.2.3 above.

5.6 The consent to operate the industrial plant shall lapse if at any time the parameters of the gaseous emission are not within the tolerance limits specified in the condition no. 5.2.2 & 5.2.3 above.

5.7 The applicant shall provide portholes, ladder, platform etc at chimney(s) for monitoring the air emissions and the same shall be open for inspection to/and for use of Board's staff. The chimney(s) vents attached to various sources of emission shall be designed by numbers such as S-1,S-2,etc.and these shall be painted/displayed to facilitate identification.

5.8 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 standards in respect of noise to less than 75dB(a) during day time and70 dB(A)during night time. Daytime is reckoned in between 6a.m. and10 p.m. and nighttime is reckoned between 10 p.m. and 6 a.m.

6. GENERAL CONDITIONS: -

6.1 Any change in personnel, equipment or working conditions as mentioned in the consents form/order should immediately be intimated to this Board.

6.2 Applicant shall also comply with the general conditions given in annexure I.

6.3 Industry shall have to display the relevant information with regard to hazardous waste as indicated in the Court's order in W.P. No.657 of 1995 dated 14th October 2003.

6.4 Industry shall have to display on-line data outside the main factory gate with regard to quantity and nature of hazardous chemicals being handled in the plant, including waste water and air emissions and solid hazardous waste generated within the factory premises

7. AUTHORISATION FOR THE MANAGEMENT & HANDLING OF HAZARDOUS WASTES Form-2 (See rule 3 (c) & 5 (5))

7.1 Number of authorization: AWH-**63660**, Date of issue: **24/7/2014.**

7.2 **M/s. WANKSONS CHEMICAL IND.PVT.LTD.,** is hereby granted an authorization to operate facility for following hazardous wastes on the premises situated **Plot No. 518, GIDC PANOLI,DIST. BHARUCH .**

Sr. No.	Waste	Quantity/ year	Schedule / Month	Facility
1	Used Oil	0.1 MT	5.1	Collection, Storage , Transportation sale to MoEF approved vendor
2	Discarded Drums/ carboys/ HDPE bags/ liners	19.2 MT 360 Nos.	33 Nos.	Collection, Storage , Transportation Decontamination .
3	ETP Sludge	4.92 MT	34.3	Collection, Storage , Transportation & Disposal at TSDF of BEIL.

7.3 The authorization is granted to operate a facility for collection, storage, within the factory premises and transportation and ultimate disposal of Hazardous wastes selling to refiners and authorized recyclers consequently.

7.4 The authorization shall be in force for a period up to **04/4/2019**

7.5 The authorization is subject to the conditions stated below and such other conditions as may be specified in the rules from time to time under the Environment (Protection) Act-1986.

8. TERMS AND CONDITIONS OF AUTHORISATION

a) The applicant shall comply with the provisions of the Environment (Protection) Act - 1986 and the rules made there under.

b) The authorization shall be produced for inspection at the request of an officer authorized by the Gujarat Pollution Control Board.

c) The persons authorized shall not rent, lend, sell, and transfer of otherwise transport the hazardous wastes without obtaining prior permission of the Gujarat Pollution Control Board.

d) Any unauthorized change in personnel, equipment or working conditions as mentioned in the authorization order by the persons authorized shall constitute a breach of this authorization.

e) It is the duty of the authorized person to take prior permission of the Gujarat Pollution Control Board to close down the facility.

f) An application for the renewal of an authorization shall be made as laid down in rule 5 (6) (ii).

g) Industry shall submit annual report within 15 days and sub sequently by 31st January every year.

h) Industry shall have to display the relevant information with regard to hazardous waste as indicated in the Court's order in W.P. No. 657 of 1995 dated 14th October 2003.

i) Industry shall have to display on-line data outside the main factory gate with regard to and nature of hazardous chemicals being handled in the plant, including waste water and air emission and solid hazardous waste generated within the factory premises.

j) Industry shall have to manage waste oil; discarded containers etc., process waste as per Amended Rules- 2003 and shall apply Authorization for all applicable waste as per Amended Rules-2003.

For and on behalf of
Gujarat Pollution Control Board

(K.C.MISTRY)
SENIOR ENVIRONMENTAL SCIENTIST

Annexure-4

Copy of CCA having CCA No: AWH-89031 dated 30/10/2017 valid upto 04/04/2019 for product mix for 286 MT/Month to 283 MT/Month.

GPCB

GUJARAT POLLUTION CONTROL BOARD

Paryavaran Bhavan, Sector-10/A, Gandhinagar - 382010

Phone: (079)23226295 , Fax: (079)23232156

Website: www.gpcb.gov.in

By R.P.A.D

CONSOLIDATED CONSENT AND AUTHORIZATION (CC & A)
CCA NO:AWH-89031

NO: GPCB / ANK / CCA- 172(6)/ ID- 15873/ 426421 **DT :** 30/10/17

In exercise of the power conferred under Section-25 of the Water (Prevention and Control of Pollution) Act - 1974, under Section - 21 of the Air (Prevention and Control of Pollution) Act - 1981 and Authorization under rule 6(2) of the Hazardous & Other Wastes (Management and Transboundary Movement) Rules-2016, framed under the E(P)Act-1986.

And whereas Board has received consolidated application dated **06/09/2017** and inward No.**124577** for the consolidated consent and authorization (CC & A) of this Board under the provisions / rules of the aforesaid Acts , Consolidated Consent & Authorization is hereby granted as under.

CONSOLIDATED CONSENT AND AUTHORISATION:
(Under the provisions / rules of the aforesaid Environmental Acts)

TO,

M/s. Wanksons Chemical Ind. Pvt. Ltd.,
PLOT NO: 518
GIDC ESTATE:Panoli
TALUKA: Ankleshwar
DIST- Bharuch - 394116,Gujarat,India

1. **Consent Order No.:** AWH-89031 **date of Issue** 30/10/2017.

2. The consent under Water Act - 1974 for conveying the industrial effluent to the CETP of M/s. PETL for the treatment and disposal of treated effluent, The consent under Air Act-1981 & Authorization under Environment (Protection) Act, 1986 shall be **valid up to 04/04/2019** to operate industrial plant to manufacture following products:

Sr	Products	CTE Qty	Applied CCA Qty	Granted CCA Qty	Unit Per Mth	CAS No.	Remarks
1	DICHLOROVOS TECHNICAL (DDVP TECH)	20.00	10.00	20.00	Metric Tonne	000006 2-73-7	
2	META CHLORO PROPIO PHENONE (3-CPP)	10.00	9.00	10.00	Metric Tonne	000093 6-59-4	
3	CHLORAL	213.00	-17.00	213.00	Metric Tonne	000007 5-87-6	
4	PIA-4 (3-(BROMO ETHYL)-2-CHLORO-4-(METHYL SULPHONYL) BENZOIC ACID)	20.00	-5.00	20.00	Metric Tonne	005325 0-82-8	
5	PIZ (S-BENZYL O, O DI ISOPROPYL PHOSPHOROTHIOATE)	10.00	0.00	10.00	Metric Tonne	002608 7-47-8	
6	METHAONOLIC HYDROCHLORIDE	10.00	0.00	10.00	Metric Tonne	000764 7-01-0	Either individual or total production of sr. no. 6 to 8 shall not exceed 10 MT/M

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Sr	Products	CTE Qty	Applied CCA Qty	Granted CCA Qty	Unit Per Mth	CAS No.	Remarks
7	DI METHYL AMINE HYDROCHLORIDE (DMA HCL)	10.00	0.00	10.00	Metric Tonne	000050 6-59-2	Either individual or total production of sr. no. 6 to 8 shall not exceed 10 MT/M
8	ISO PROPYL ALCOHOL HYDROCHLORIDE (IPA HCL)	10.00	0.00	10.00	Metric Tonne	000764 7-01-0	Either individual or total production of sr. no. 6 to 8 shall not exceed 10 MT/M
9	FENVALERATE 20% EC	100.00	0.00	100.00	Metric Tonne	005163 0-58-1	Product sr. no. 9 to 20 shall be mfg by formulation process only
10	CHLOROPYRIPHOS 48% EC	100.00	0.00	100.00	Metric Tonne	000292 1-88-2	Product sr. no. 9 to 20 shall be mfg by formulation process only
11	MONOCROTOPHOS 36% EC	100.00	0.00	100.00	Metric Tonne	000692 3-22-4	Product sr. no. 9 to 20 shall be mfg by formulation process only
12	CYPERMETHERIN 25 % EC	100.00	0.00	100.00	Metric Tonne	006737 5-30-8	Product sr. no. 9 to 20 shall be mfg by formulation process only
13	CYPERMETHERIN 10 % EC	100.00	0.00	100.00	Metric Tonne	006737 5-30-8	Product sr. no. 9 to 20 shall be mfg by formulation process only
14	DDVP 76 % EC	100.00	0.00	100.00	Metric Tonne	000006 2-73-7	Product sr. no. 9 to 20 shall be mfg by formulation process only
15	2,4, D ETHYL ESTER 38%EC	100.00	0.00	100.00	Metric Tonne	000053 3-23-3	Product sr. no. 9 to 20 shall be mfg by formulation process only
16	IMIDA CHLOPRIDE 17.8 % SL	100.00	0.00	100.00	Metric Tonne	013826 1-41-3	Product sr. no. 9 to 20 shall be mfg by formulation process only
17	METHYL PARATHION 50 % EC	100.00	0.00	100.00	Metric Tonne	000029 8-00-0	Product sr. no. 9 to 20 shall be mfg by formulation process only
18	MANCOZEB 75 % WP	75.00	0.00	75.00	Metric Tonne	000801 8-01-7	Product sr. no. 9 to 20 shall be mfg by formulation process only
19	ACEPHATE 75 % SP	75.00	0.00	75.00	Metric Tonne	003056 0-19-1	Product sr. no. 9 to 20 shall be mfg by formulation process only
20	CHLOROPYRIPHOS 20 % EC	100.00	0.00	100.00	Metric Tonne	000292 1-88-2	Product sr. no. 9 to 20 shall be mfg by formulation process only

SPECIFIC CONDITIONS

(1) Previous Consent order issued vide CCA no. AWH - 63660 letter no. GPCB/ BRCH/ CCA – 172(4)/ ID-15873/ 221025 dated 04/08/14 shall be considered as null & void i.e. shall be treated as cancelled.
(2) Total production shall not exceed 283 MT/M for technical grade products in any case.
(3) Either individual or total production of sr. no. 6 to 8 shall not exceed 10 MT/M.
(4) Product sr. no. 9 to 20 shall be mfg by formulation process only.

OTHER CONDITIONS

1.Unit shall use fresh raw materials only.

3. CONDITION UNDER THE WATER ACT:

3.1 The quantity of total water consumption shall not exceed 50.20 KL/Day as per below break up as mentioned in form D submitted for consent application under the Water Act- 1974.

a) Industrial: 44.70 KL/Day
b) Domestic: 5.50 KL/Day

3.2 The quantity of total waste water generation shall not exceed 11.37 KL / Day as per below break up as mentioned in form D submitted for consent application under the Water Act- 1974.

a) Industrial: 6.37 KL/Day
b) Domestic: 5.00 KL/Day

3.3 Sewage shall be disposed off through septic tank/soak pit system or shall be treated separately in Sewage Treatment Plant (STP) to conform the following standards and treated sewage shall be utilized on land for irrigation / plantation.

Sr. No.	PARAMETERS	PERMISSIBLE LIMIT
1	Biochemical Oxygen Demand, BOD_3, 27° C	Less than 20 mg/L
2	Total Suspended Solids	Less than 30 mg/L
3	Total Residual Chlorine	Minimum 0.5 ppm

Or Sewage shall be treated in ETP along with Industrial effluent and disposed to CETP of PETL through designated road tankers for further treatment & disposal.

3.4 The quality of industrial effluent shall conform to the following standards(as per GPCB norms, whichever is applicable)

SR No.	PARAMETERS	PERMISSIBLE LIMIT
1	Biochemical Oxygen Demand, BOD3, 27 C	3000 mg/L
2	Chemical Oxygen Demand (COD)	10000 mg/L
3	Phenolic Compounds	1 mg/L
4	Free Acidity	55000 ppm
5	Cyanide (as CN)	0.2 mg/L
6	Pesticides	Absent
7	Hexavalent Chromium (as Cr+6)	0.1 mg/L
8	Total Chromium (as Cr)	2 mg/L
9	Copper (as Cu)	3 mg/L
10	Nickel (as Ni)	3 mg/L
11	Zinc (as Zn)	5 mg/L
12	Mercury (as Hg)	0.01 mg/L
13	Lead (as Pb)	0.1 mg/L
14	Arsenic (as As)	0.2 mg/L
15	Cadmium (as Cd)	1 mg/L
16	Selenium (as Se)	0.05 mg/L

3.5 The effluent conforming to the above standards shall be disposed to CETP of PETL through designated road tankers for further treatment & disposal.

3.6 Unit shall be required to make storage facilities to store the effluent for at least 72 hours by providing acid proof brick lined impervious tanks/HDPE tanks.

3.7 In case of shut-down of plant for more than three (3) days for any reason, the PETL unit member shall intimate to PETL authority & GPCB well in advance for the better operation & management of CETP.

3.8 Unit shall make fixed arrangement for loading the effluent from their collection tanks to the designated tanker of PETL. Unit shall not keep any by-pass line or system or loose or flexible pipe line for loading the effluent into the designated tanker of PETL.

3.9 Magnetic flow meters shall be installed at the inlet & outlet of effluent collection tanks/ ETP to measure the quantity of effluent send to PETL.

3.10 Unit shall affix of water meters as per Section 4 (1) of the Water (Prevention and Control of Pollution) Cess Act – 1977 for the purpose of measuring and recording the quantity of water consumed at such places as may be required, within 15 days and it shall be presumed that the quantity indicated by the meter has been consumed by the unit until the contrary is proved.

3.11 The underground drainage connection given by the GIDC for discharge of industrial effluent shall be disconnected & the outlet shall be sealed, if unit have.

3.12 The entire quantity of industrial effluent shall have to be send to PETL for further treatment & disposal. In no circumstances the effluent either treated or untreated shall be discharged into underground drainage pipeline of GIDC, storm water drain or anywhere else.

3.13 Unit shall provide adequate / safe effluent sampling facility for the effluent being stored in final collection / discharge tank of ETP or being discharged into CETP.

3.14 Unit shall be responsible for loading its effluent into the tankers of the PETL for transporting the effluent. Due care shall be taken to avoid any leakage or spillage of effluent during loading the tanker.

3.15 Unit shall put up at the entrance a board displaying the name of unit, particulars of the products/ process, the name of proprietor/partners /directors of the unit, PETL membership number & date of joining of PETL, the electricity consumer number as on the record of DGVCL.

3.16 Unit shall have to display on-line data outside the main factory gate with regard to and nature of hazardous chemicals being handled in the plant, including waste water and air emission and solid hazardous waste generated within the factory premises.

3.17 Unit shall either stop or curtail its production activities if the effluent is not adequately treated by the PETL to conform to the standards specified by GPCB.

3.18 The authorized representative of PETL shall have right of entry at any time for the purpose of inspection and monitoring the effluent collection facilities/ ETP (if required) of Unit.

3.19 Unit shall have to keep accurate records of quality & quantity of effluent discharged to PETL on day-to-day basis. Separate logbook shall be maintained f or recording the data & shall be made available for inspection as & when asked.

3.20 Unit shall keep accurate records of quantity of production of each product, quantity of water consumption, quantity of effluent generated and consumption of electricity on day to day basis and required to submit the complied record of each month to GPCB on or before fifth day of the succeeding month.

3.21 In case of incinerators or MEE, the flow measuring devices for mother liquor/ toxic effluent/ Non-biodegradable effluent, light diesel oil, Furnace oil, etc. i.e. fuel used for combustion, air used for combustion shall be separately provided . Incinerator temperature recording devices as well as gaseous flow measuring devices for scrubber shall also be provided. These data of temperature & flow should be recorded every day & submitted to GPCB on monthly basis.

3.22 Disposal system for storm water shall be provided separately. In no circumstances storm water shall be mixed with the industrial effluent.

3.23 Leachate from the hazardous solid waste, if any shall also be connected into a collection tank through leachate collection facilities and shall be treated along with industrial effluent and final treated effluent shall be discharged to the CETP of PETL.

3.24 If the PETL authority terminates the membership of CETP, the PETL member unit shall have to close down the manufacturing activities /industrial operation of the process plant immediately until the PETL membership is resumed.

3.25 The Environmental Management Unit / Cell shall be setup to ensure implementation on and monitoring of environment safeguards and other conditions stipulated by statutory authorities. The Environmental Management Cell /Unit shall directly report to the Chief Executive of the organization and shall work as a focal point for internalizing environmental issued. These Cells also coordinate the exercise of environmental audit and preparation of environmental statements.

3.26 The Environmental audit shall be carryout yearly, if applicable. The environmental statements pertaining to the previous year shall be submitting to this State Board latest by 30th September every year.

3.27 Adequate plantation shall be carried out all along the periphery of the industrial premises in such a way that the density of plantation is at least 1000 trees per acre of land and a green belt of 5 meters width is developed.

3.28 In case of change of ownership/ management the name and address of the new ownership/ partners/ directors/ proprietor should immediately be intimate to the Board. Also any change in equipment or working conditions as mentioned in the consents form/ order should immediately be intimated to this Board.

3.29 The Board reserves the right to review and/or revoke the consent and / or make modifications in the conditions which it seems fit in accordance with provisions of Water Act-1974.

4.CONDITIONS UNDER THE AIR ACT:

4.1 Unit shall use fuel as specified in this consent and the flue gas emission through stack shall conform to the following standards:

Sr. No.	Stack ID / Stack attached to	Capacity / Remarks	Name of Fuel	Quantity of Fuel	Air Pollution Control Measure (APCM)	Stack Height in Mt. (From G.L.)	Parameter	Perm. limit	Unit
1	11309 - Boiler	Boiler (cap. 3 TPH)	NATURAL GAS	206 M3/Day	Not Applicable	30	PM SO2 NOX	150 100 50	mg/Nm³ PPM PPM
2	73387 - D.G. Sets	D.G.Set (350 KVA)	DIESEL	20 Lit/Hr	Not provided	9	PM SO2 NOX	150 100 50	mg/Nm³ PPM PPM

4.2 The Process emission through various stacks / vent of reactors , process, vessel shall conform to the following standards:

Sr. No	Stack ID / Stack attached to	Name of Process / Plant	Air Pollution Control Measure (APCM)	Stack Height in Mt. (From G.L.)	Parameter & Permissible limit
1	35795 - Chlorination	Chlorinator& Distillation reactor (water scrubber -4 nos in series + alkali)	Alkali Scrubber,Water Scrubber	13	HCL-20 mg/Nm³ Chlorine-9 mg/Nm³
2	73386 - Process Emission Vessel	Powder Formulation unit	Dust Collector	20	PM-150 mg/Nm³ SO2-40 mg/Nm³ NOX-25 mg/Nm³

4.3 The concentration of the following parameters in the ambient air within the premises of the unit shall not exceed the limits specified hereunder.

Sr. No.	Parameters	Permissible Limit (microgram /m3)	
		Annual	24 Hours Average
1.	Particulate Matter (PM10)	60	100
2.	Particulate Matter (PM2.5)	40	60
3.	Oxides of Sulphur (SO_x)	50	80
4.	Oxides of Nitrogen (NO_x)	40	80

a. Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals.

b. 24 hourly or 08 hourly or 01 hourly monitored values, as applicable, shall be complied with 98% of the time in a year. 2% of the time, they may exceed the limits but not on two consecutive days of monitoring.

4.4 Unit shall operate industrial plant / air pollution control equipment very efficiently and continuously so that the gaseous emission always conforms to the standards specified as above.

4.5 The consent to operate the industrial plant shall lapse if at any time the parameters of the gaseous emission are not within the tolerance limits specified as above.

4.6 Unit shall provide portholes, ladder, platform etc at chimney(s) for monitoring the air emissions and the same shall be open for inspection to / and for use of Board's staff. The chimney(s) vents attached to various sources of emission shall be designed by numbers such as S-1, S-2 , etc. and these shall be painted / displayed to facilitate identification.

4.7 Unit shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standards in respect of noise to less than 75 dB(a) during day time and 70 dB (A) during night time. Daytime is reckoned in between 6 a.m. and 10 p.m. and nighttime is reckoned between 10 p.m. and 6 a.m.

4.8 All efforts shall be made to control VOC emissions and odor problem, if any.

5. AUTHORISATION FOR THE MANAGEMENT & HANDLING OF HAZARDOUS WASTES Form-2 (See rule 6(2))

5.1 Number of authorization: AWH-89031 **date of Issue** 30/10/2017 .

5.2 M/s. Wanksons Chemical Ind. Pvt. Ltd., is granted an authorization to operate facility for following hazardous wastes on the situated at **PLOT NO:** 518 **GIDC ESTATE** Panoli **DIST:** Bharuch.

Sr	Name of Hazardous Waste	Sch	Catg.	Qty MT/ Year	Facility	Mode of Disposal & Remarks
1	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes	I	33.1	20.20	Collection,Decontamination,Generation,Disposal,Reuse,Storage,Transportation	Drums=19.2 MT/yr, Bags=1 MT/yr: Disposal by send it to authorized decontamination facility / recycler or reuse or send back to supplier
2	Chemical sludge from waste water treatment	I	35.3	4.92	Collection,Generation,Disposal,Treatment,Storage,Transportation	ETP sludge - Disposal by sending to TSDF of M/s. BEIL, Ankleshwar.

Sr	Name of Hazardous Waste	Sch	Catg.	Qty MT/ Year	Facility	Mode of Disposal & Remarks
3	Used or Spent Oil	I	5.1	0.10	Collection,Generation,Disposal,Reuse,Storage,Transportation	Disposal by Reuse in plant & machinery as lubricant or sell it to authorized re-refiners / recycler.
4	Halogen-Containing Compounds Which Produce Acidic Vapours On Contact With Humid air or water e.g. silicon tetrachloride, aluminum chloride, titanium tetrachloride	II	B10	93.00	Collection,Generation,Disposal,Other/Misc.,Reuse,Storage,Transportation	Methyl Chloride-Disposal by selling to authorized users having authorization with valid CC&A & rule 9 permission to receive this waste, if excess
5	Halogen-Containing Compounds Which Produce Acidic Vapours On Contact With Humid air or water e.g. silicon tetrachloride, aluminum chloride, titanium tetrachloride	II	B10	1150.00	Collection,Generation,Disposal,Other/Misc.,Reuse,Storage,Transportation	Ethyl Chloride-Disposal by selling to authorized users having authorization with valid CC&A & rule 9 permission to receive this waste, if excess
6	Halogen-Containing Compounds Which Produce Acidic Vapours On Contact With Humid air or water e.g. silicon tetrachloride, aluminum chloride, titanium tetrachloride	II	B10	72.00	Collection,Generation,Disposal,Other/Misc.,Reuse,Storage,Transportation	Poly Aluminium Chloride (PAC)-Disposal by selling to authorized users having authorization with valid CC&A & rule 9 permission to receive this waste, if excess
7	Halogen-Containing Compounds Which Produce Acidic Vapours On Contact With Humid air or water e.g. silicon tetrachloride, aluminum chloride, titanium tetrachloride	II	B10	62.00	Collection,Generation,Other/Misc.,Reuse,Storage,Transportation	HBr - Disposal by selling to authorized users having authorization with valid CC&A & rule 9 permission to receive this waste, if excess
8	Inorganic Acids (Spent Acids)	II	B15	7872.00	Collection,Generation,Disposal,Reuse,Storage,Transportation	Dilute Hydrochloric Acid (30-33%)-Disposal by selling to authorized users having authorization with valid CC&A & rule 9 permission to receive this waste, if excess
9	Inorganic Acids (Spent Acids)	II	B15	3405.00	Collection,Generation,Disposal,Other/Misc.,Reuse,Storage,Transportation	Regenerated Sulphuric acid(72%)=3405 MT/Y,If spent H2SO4 generate,Quant=1080 MT/Y,Disposal by selling to authorized users having authorization with valid CC&A & rule 9 permission to receive this waste

Sr	Name of Hazardous Waste	Sch	Catg.	Qty MT/ Year	Facility	Mode of Disposal & Remarks
10	Chlorates, (Hypo-Chlorites)	II	B7	1080.00	Collection,Generation,Disposal,Other/ Misc.,Reuse,Storage,Transportation	Sodium Hypochlorite (10%) - Disposal by selling to authorized users having authorization with valid CC&A & rule 9 permission to receive this

5.3 The authorization is granted to operate a facility as above.

5.4 The authorization shall be in force for a period up to 04/04/2019.

5.5 The authorization is subject to the conditions stated below and such other conditions as may be specified in the rules from time to time under the Environment (Protection) Act - 1986.

6 TERMS AND CONDITIONS OF AUTHORISATION:

6.1 The authorised person shall comply with the provisions of the Environment (Protection) Act,1986, and the rules made there under.

6.2 The authorisation or its renewal shall be produced for inspection at the request of an officer authorised by the Gujarat Pollution Control Board.

6.3 The person authorised shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorisation.

6.4 Any unauthorised change in personnel, equipment or working conditions as mentioned in the application by the person authorised shall constitute a breach of his authorisation.

6.5 The person authorised shall implement Emergency Response Procedure (ERP) for which this authorisation is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time.

6.6 The person authorised shall comply with the provisions outlined in the Central Pollution Control Board guidelines on "Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty"

6.7 It is the duty of the authorised person to take prior permission of the Gujarat Pollution Control Board to close down the facility.

6.8 The imported hazardous and other wastes shall be fully insured for transit as well as for any accidental occurrence and its clean - up operation.

6.9 The record of consumption and fate of the imported hazardous and other wastes shall be maintained.

6.10 The hazardous and other waste which gets generated during recycling or reuse or recovery or pre - processing or utilisation of imported hazardous or other wastes shall be treated and disposed of as per specific conditions of authorisation.

6.11 The importer or exporter shall bear the cost of import or export and mitigation of damages if, any.

6.12 An application for the renewal of an authorisation shall be made as laid down under Hazardous & Other Wastes (Management and Transboundary Movement) Rules - 2016.

6.13 Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate Change or Central Pollution Control Board from time to time.

6.14 Annual return shall be filed by June 30th for the period ensuring 31st March of the year.

GPCB

GUJARAT POLLUTION CONTROL BOARD
Paryavaran Bhavan, Sector-10/A, Gandhinagar - 382010
Phone: (079)23226295 , Fax: (079)23232156
Website: www.gpcb.gov.in

6.15 Unit shall have to display the relevant information with regard to hazardous waste as indicated in the Court's order in W.P. No. 657 of 1995 dated 14th October 2003.

For and on behalf of
GUJARAT POLLUTION CONTROL BOARD

G.H.Trivedi,SEE
Unit Head, Ankleshwar

Annexure-5: Endorsement of transfer of Registration Certificate from M/s Syschem (India) Limited (Formerly Anil Pesticides Ltd.), Regd. office at Village Bargodam, Tehsil Kalka, Dist. Panchkula, Haryana- 133 302 to M/s Wanksons Chemical Industries Pvt. Ltd., Regd. office at 607, Maker Chamber-V, 5th Floor, J.B' Marg, Nariman Point Mumbai- 400 021, Factory Add: Shed No. 518, GIDC Industrial Estate, Panoli, Dist. Bharuch (Gujarat) in respect of Registration Certificate No. CIR/17, 174/93-Dichlorvos (Tech.)-467 dated: 09/03/2011.

www.cibrc.nic.in
E-mail: cibrc.iisection2008@gmail.com

Tel. No. 0129-2434572

Registered

F.No. 17-173/2010-CIR.II/RS No.....
Government of India
Ministry of Agriculture
(Department of Agriculture & Cooperation)
DIRECTORATE OF PLANT PROTECTION, QUARANTINE & STORAGE
N.H. IV, FARIDABAD-121 001

Date: Feb., 2011

To,
M/s Wanksons Chemicals Industries Pvt. Ltd.,
607, Maker Chember-V, 6th Floor, J.B. Marg,
Nariman Point, Mumbai- 400 021.

Subject: Endorsement of Transfer of Registration Certificate -reg.

Dear Sir,

Please refer to you letter No. NIL dated 04.05.2010 on the subject cited above. It is informed that your case was considered by the Registration Secretariat and the following has been approved:-

"Endorsement of transfer of Registration Certificate from **M/s Syschem (India) Limited (Formerly Anil Pesticides Ltd.)**, Regd. Office at **Village Bargodam, Tehsil Kalka, Dist. Panchkula, Haryana- 133 302** to **M/s Wanksons Chemical Industries Pvt. Ltd.,** Regd. Office at **607, Maker Chamber-V, 6th Floor, J.B. Marg, Nariman Point Mumbai- 400 021,** Factory Add: **Shed No. 518, G.I.D.C. Industrial Estate, Panoli, Dist. Bharuch (Gujarat)** in respect of Registration Certificate No. **CIR-17,174/93-Dichlorvos (Tech.)-467."**

अधिप्रमाणित/AUTHENTICATED
Section Officer

Yours faithfully,
08/03/2011
(Sushil K. Khurana)
Secretary
Central Insecticides Board
and Registration Committee

Copy to: Director of Agriculture, Gandhinagar, Gujarat.

(Sushil K. Khurana)
Secretary
Central Insecticides Board
and Registration Committee

REGISTERED

F.No. 17(182)/94-CIR-II
Government of India
Ministry of Agriculture
(Department of Agriculture & Cooperation)
DIRECTORATE OF PLANT PROTECTION, QUARANTINE AND STORAGE
N.H.IV, Faridabad(Haryana)

Dated: 29-12-94

To

M/s Anil Pesticides Ltd,
121, Sector 16-A,
Chandigarh.

Sub:- Endorsement of Trade name/Factory address/approval of marketing agency's name/source of import/approval of labels & leaflets/transfer of Certificate of Registration/Change in Co.'s name/issue of duplicate Certificate of Registration - Regarding.

Sirs,

With reference to your letter No. — dated 28.9.94 on the subject mentioned above, I am to return herewith the following Certificates of Registration/approved labels & leaflets after doing the needful, as desired:-

1. CR-17174/93/Dichlorvos (T)-467.

Yours faithfully,

Encl: As above.

Section Officer
for Secretary
Central Insecticides Board
and Registration Committee

Copy for information to the Director of Agriculture, Haryana, Chandigarh. Transfer has been made on RC.

Section Officer
for Secretary
Central Insecticides Board
and Registration Committee

No. 349-TIM

Government of India
Ministry of Agriculture
(Deptt. of Agriculture & Cooperation)
DIRECTORATE OF PLANT PROTECTION, QUARANTINE AND STORAGE
NH IV, FARIDABAD-121 001(Haryana).

CERTIFICATE OF REGISTRATION OF INSECTICIDE UNDER SECTION 9(4) OF THE INSECTICIDES ACT, 1968.

Certified that the insecticide DICHLORVOS TECHNICAL (containing a.i. 92 % w/w min) for indigenous manufacture only has been registered under Section 9(4) of the Act in the name of the person/undertaking whose partifulars are specified below:-

1. Name of the person/ undertaking : ~~M/s Simalin Chemical Industries Ltd.,~~
~~Baroda Office, 409, Premier Chambers,~~
~~R.C. Dutt Road,~~
~~Baroda - 390 005.~~

2. Address : M/S. Anil Pesticides Ltd, 121, Sector 16-A, Chandigarh.
Fy:- Vill- Bangodam, Near Kalka, Ambala (Hr.)

SECRETARY
CIB/RC

3. Registration Number : CIR-17,174/93-DICHLORVOS(TECH.)-467.

4. Name of the Insecticide: DICHLORVOS TECHNICAL

5. Conditions:

(i) The registration is subject to the strict compliance of various provisions of the Insecticides Act,1968 as amended from time to time and Rules, Bye-laws framed and notifications issued there under and as amended from time to time.

(ii) The insecticide shall be packed as per BIS specification No.IS:8190-Part (II)-1980. The package/container should have the label and leaflets as per authenticated specimen contents submitted by you. The sample package/container shall be submitted to the Registration Committee and also to the Licensing Officers of the concerned State/Union Territory before marketing the product but not later than three months from the date of issue of this certificate or within such further time as may be extended by the Registration Committee on sufficient cause being shown.

(iii) From the data already submitted and enquiry made, the efficacy and the safety of insecticide is prima facie satisfied. But to arrive at full satisfaction of the Registration Committee the data on toxicity residue of the product shall be submitted as per Gaitonde Committee report as early as possible or by the date which may be decided by the Registration Committee. The shelf-life of the insecticide shall be provisionally ONE ___ years.

(xi) The Registration Committee does not hold itself responsible for the use of trade name by you, the use of trade name shall be regulated as per the existing laws on the subject.

(xii) The actual production for marketing the product shall be undertaken only after the full satisfaction arrived at by the State Director of Agriculture including the analysis of samples conforming to the registration specifications.

(xiii) Non-compliance of the conditions set out hereinbefore and hereinafter will entail action under Section 17 of the Act.

21.X.93

(A.D. PAWAR)
Secretary
Central Insecticides Board
and Registration Committee

Dated: /10/93

Copy to the Director of Agriculture, Gujarat, Krishi Bhawan, Paldi, Ahmedabad- 380 006.
Label and leaflet is enclosed. A copy each of approved

2. Director(CUL), Faridabad.

(A.D. PAWAR)
Secretary
Central Insecticides Board
and Registration Committee.

6

40

DICHLOROVOS TECHNICAL

(INSECTICIDE)

It is an organophosphorus compound containing Dichlorovos active ingredient min. 92 % by mass and balance associated impurities. It is employed to make its formulation to be used in agricultural crops.

SYMPTOMS OF POISONING :

The early symptoms may be any combination of headache, giddiness, vertigo, nausea, vomiting, blurred vision, sweating excessive, lacrimation and salivation.

FIRST AID MEASURES :

1. Gastric lavage with 5% sodium bi-carbonate may be given if swallowed.
2. Wash contaminated skin and cloths and irrigate eyes with normal saline.

AUTHENTICATED APPROVED

DRUG THERAPY :

1. Atropinise the patient immediately and maintain full atropinization by repeated doses of 2 to 4 mg. to 5 to 10 minutes interval for hours together. The need for further atropinize administrations indicated by the continuance of symptoms. As much as 25 to 50 mg. may be required in a day. The extent of salivation is as useful criterion to follow in adjusting the disage of atropine.
2. Dissolve 1 - 2 gm. of 2 P.A.M. in 10 ml. distilled water and inject intraveneously, very slowly for 10 - 15 minutes.

STORAGE :

1. The packages containing the insecticides shall be storage in separate rooms or premises away from the rooms or premises used for storing other articles or shall be kept in separate almirahs under lock and key depending upon the nature and quantity of material.
2. The rooms or premises meant for storing the material shall be well built, dry, well lit, ventilated and of sufficient dimensions to avoid contamination with vapours.

DISPOSAL OF CONTAINERS :

1. The packages shall be broken and burried away from habitation.
2. The used packages shall not be left outside to prevent their re-use.
3. Packages or surplus material and washing from machines should disposed in a safe manner so as to prevent environmental or water pollution.

PRECAUTIONS :

Avoid inhalation and skincontact. Do not eat, drink, chew of smoke while in use. Distroy empty container after use. Do not contaminate ponds, lakes and strems. Keep in a cool dry place away from heat or open flame.

MANUFACTURED BY:-

M/S. Anil Pesticides Ltd.,
121, sector 16-A, chandigarh.
Fy: vill- Bargodam, Near Kalka,
Ambala (Hr.)

Sinhalin Chemical Industries Ltd., Vill - Mokashi.
Sankarda Savali Road.
Taluka - Savali, Distt BARODA.

Annexure-6
Safety and Risk Assessment within advance model