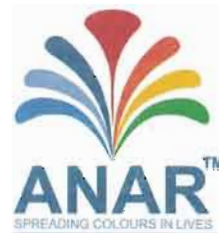


ANAR CHEMICALS LLP

LLP Identification Number : AAF-6722

ISO 9001:2015, 14001:2015 & 45001:2018 Certified



January 03, 2025

To,
Integrated Regional Office,
Ministry of Environment, Forest and Climate Change (MoEF &CC),
A-407 & A-409, "ARANYA BHAWAN"
Near CH-3 Circle, Sector-10A,
Gandhinagar-382010.

Dear Sir,

Subject : Environmental Clearance Compliance Report for the period of "April 2024 to September 2024" for Environmental Clearance granted to M/s. Anar Chemicals LLP located at Plot No: 12, 14, Phase No: I, GIDC- Vatva, Ahmedabad-382445, Gujarat.

Ref. : Environmental Clearance granted to our project vide File No. J-11011/508/2006-IA-II (I) dated: 16th August, 2022.

This has reference to the above stated subject matter. In this connection, please find attached environment compliance report with respect to the Environmental Clearance granted to us vide F. No.- J-11011/508/2006-IA-II (I). (Copy attached).

We do hope the above meets your requirement.

Thanking you,

Sincerely,

For M/s. Anar Chemicals LLP

Ajay R. Chatur



Authorized Signatory

REGD. OFFICE :

CHITRAKOOT, Opp. C.N. Vidhyalaya, B/h. Shakuntal Complex,
Ambawadi, Ahmedabad-380 006. INDIA. Tel : +91 79 2646 1494
E-mail : sales@anarchem.com Website : www.anarchem.com

FACTORY :

Plot No. 12 + 12/A + 14/A + 14/B, GIDC Estate,
Phase-1, Vatva, Ahmedabad - 382 445. INDIA.
Tel : +91 99099 04233

ANAR CHEMICALS LLP

LLP Identification Number : AAF-6722

ISO 9001:2015, 14001:2015 & 45001:2018 Certified



Copy to:

- 1) **The Member Secretary,**
State Level Environment Impact Assessment Authority (SEIAA),
C/o, Gujarat Pollution Control Board (GPCB),
Paryavaran Bhavan, Sector 10 A,
Gandhinagar – 382010.

- 2) **Gujarat Pollution Control Board (GPCB)**
Paryavaran Bhavan, Sector 10 A,
Gandhinagar – 382010.

- 3) **Central Pollution Control Board (CPCB)**
Zonal Office, Parivesh Bhawan,
Aatmajyoti Ashram Rd,
Opp. VMC Ward Office No. 10,
Shubhanpura, Vadodara-390 023, Gujarat.

- 4) **Regional office**
Plot No. 3501, Phase-IV,
GIDC, Vatva, Ahmedabad-382445.



REGD. OFFICE :

CHITRAKOOT, Opp. C.N. Vidhyalaya, B/h. Shakuntal Complex,
Ambawadi, Ahmedabad-380 006. INDIA. Tel : +91 79 2646 1494
E-mail : sales@anarchem.com Website : www.anarchem.com

FACTORY :

Plot No. 12 + 12/A + 14/A + 14/B, GIDC Estate,
Phase-1, Vatva, Ahmedabad - 382 445. INDIA.
Tel : +91 99099 04233

COMPLIANCE REPORT WITH RESPECT TO ENVIRONMENTAL CLEARANCE

Name : **M/s. Anar Chemicals LLP**

Location : **Plot No: 12, 14, Phase No: I, GIDC- Vatva, Ahmedabad-382445, Gujarat.**

Reference : **Environmental Clearance issued vide file no. J-11011/508/2006-IA-II (I) dated 16/08/2022.**

Period : **April 2024 to September 2024**

Sr. No.	EC Condition	Status of Compliance
2.	The Ministry of Environment, Forest and Climate Change has examined the proposal for Environmental Clearance to the project for Proposed Expansion of Synthetic Organic Chemicals in Existing Production Capacity and Addition of New Products within Existing Premises, located at Plot Nos. 12 & 14, GIDC Phase-I, Vatva, Dist. Ahmedabad, Gujarat.	It may be noted that due to market constraints no part of products granted in EC dated 16.08.2022 has been implemented.
3.	The project/activity is covered under Category 'A' of item 5(f) (Synthetic organic chemicals industry (dyes & dye intermediates; bulk drugs and intermediates excluding drug formulations synthetic rubbers; basic organic chemicals, other synthetic organic chemicals and chemical intermediates) of Schedule of Environment Impact Assessment (EIA) Notification 2006 (as amended) and requires appraisal at Central Level by Expert Appraisal Committee (EAC) due to applicability of general condition that the Project site is located in GIDC Vatva, classified as Critically Polluted Area (CPA).	We have taken note of the same.
4.	The Project Proponent (PP) applied for ToR vide proposal number IA/GJ/IND2/174419/2020 dated 21.9.2020 and the standard ToR was granted vide letter No. J-11011/508/2006-IA-II(I) dated 6.10.2020. The PP reported that project is located inside the notified industrial area and hence, the Public Hearing is exempted in pursuant to Ministry's OM No. J-11011/321/2016-IA. II (I) dated 27.4.2018. The PP vide proposal number IA/GJ/IND3/268019/2006 dated 16.4.2021 applied for grant of EC in Form-2 and submitted the final EIA/EMP report. The PP reported in Form-2 that it is an expansion case. The proposal was placed in 30 th EAC Meeting held on April 27, 2022 wherein the Committee deferred the proposal for want of requisite information. Reply to the same was submitted by the PP on 7.6.2022 and the proposal was then placed in the 33 rd EAC Meeting held on June, 20- 22, 2022 wherein the project proponent and the accredited consultant M/s. Anand Environmental Consultants Pvt. Ltd. [Accreditation Number NABET/EIA/1922/RA 0167 valid till 26.9.2022] made a detailed presentation on the salient features of the project. The information submitted by the PP so far is as follows:	We have taken note of the same.
5.	The PP reported that the proposed expansion will be carried out within the existing premises of 1.3389 Ha. Therefore, no Rehabilitation and Resettlement (R&R) issues are involved in the	It may be noted that due to market constraints no part of products granted in EC dated

For, Anar Chemicals LLP

Ajaysir. Chohan

Authorised Signatory

project. The proposed production is as follows:

16.08.2022 has been implemented.

We have manufactured only existing products.

Please refer below the production data from Apr'24 to Sep'24.

Sr. No.	Name of Product	Quantity of Product (MT/Month)			
		Existin g	Propos ed	Tota l	CAS No.
<u>EXISTING PRODUCT</u>					
1 to 11	Dyes* (and mixtures) Solvent Green 33 Solvent Blue 79 Solvent Blue 98 (Automate Blue 8A,Automate Blue 8AHF & Automate Blue 9BHF) Solvent Red 161 Solvent Red 19 E (Liquid Red 3, Automate Red PB XF mixture) Solvent Red 164 (Automate Red IKHF, Automate Red IKHF D50, Liquid Red HX, Automate Red BXL, Automate Red 9BHF) Solvent Yellow 107 Solvent Yellow 124 Solvent Orange 98 (Automate Yellow 8HF, Liquid Yellow 1) Solvent Marker1,Marker 2,Marker 3 and Marker 7 - new proposed Solvent Yellow HF 2 (Automate Yellow HF) - new proposed	70	97	167	97862-23-2 64553-79-3 71819-49-3 85750-13-6 56358-09-9 92257-31-3 67900-27-6 34432-92-3 65087-00-5
12	Dye Intermediate-DAZN (BON DCA)	03	-03	00	--
13	R&D Products for dyes intermediates, metal	01	00	01	--

Sr. No.	Product Name	Quantity in MT (Apr'24 to Sep'24)
1	Naphthols	78.966
2	Metal Phthalocyanine and its Derivatives	36.31
3	Solvent Dyes	702.026
4	R&D Products	Nil
5	Intermediates	Nil

For, Anar Chemicals LLP

Arjun N. Chatterjee

Authorised Signatory

	Phthalocyanines and speciality chemicals					
14	Metal Phthalocyanines and its derivatives	20	-05	15	132-16-1 14055-02-8 28901-96-4	
15	Naphthols	30	-15	15	135-62-6 137-52-0	
16	Blue 700	05	-05	00	--	
Existing 16 Products Total (A)		129	69	198		
<u>PROPOSED PRODUCT</u>						
1.	Photo initiators	--	25	25	75980-60-8	
2.	Fluorescent monomers	--	03	03	276878-97-8	
3.	Hydrogenated Products	--	25	25	104-42-7	
4.	Di-BromoDi-ketoPyroloPyrolle (DBDPP)	--	03	03	<u>1000623-98-2</u>	
Proposed 04 products Total (B)		--	56	56		
TOTAL (A + B)		129	125	254		
6.	The PP reported that M/s. Anar Chemicals LLP has been granted EC for existing project vide letter No. J-11011/508/2006-IA-II(I), dated 24-07-2007. The certified compliance report was issued by MoEF&CC, IRO Gandhinagar vide file no. J-11/5-2022-IROGNR, dated 15.2.2022. The action taken report on implementation of non-complied and partly complied conditions was submitted on 15 th March 2022 to MoEF&CC, IRO Gandhinagar. The updated status of compliance with respect to non-complied and partly complied conditions of EC was received on 26 th April, 2022 from MoEF&CC, IRO Gandhinagar.					We have taken note of the same.
7.	The PP reported that no Court Cases are pending against the project and/or land in which the project is proposed to be set up.					No court cases are pending against the project.
8.	The PP reported that the proposed project does not fall under violation category as per the provision of S.O. 804 (E) dated 14.3.2017 and that closure notice has been received on 30 th June, 2018. Subsequently, Industry has sent the compliance report, for which revocation notice had been received on 19 th July, 2018.					We have taken note of the same.
9.	The PP reported that there are no national parks, wildlife sanctuaries, biosphere reserves, tiger/elephant reserves, wildlife corridors etc. within 10 km distance from the project site. PP reported that there is no forest land involved in the proposed project. River/water body Sabarmati is flowing at a distance of 8.5					We have taken note of the same.

For, Anar Chemicals LLP

Asim K. Chohan

Authorised Signatory

	km in NW direction. There is two Schedule-I species i.e. Peacock (Indian peafowl) and Mud or Flap shell Turtle and the conservation plan for the same has been submitted to PCCF Wildlife, Gandhinagar on 24 th November, 2020 with budgetary provision of Rs. 35000. The PP committed to implement the plan in five years. The Committee deliberated on Schedule-I species as per WL (P) Act, 1972 schedule were recorded in the study area and the conservation plan along with the budgetary provision. PP submitted that conservation plan along with budgetary provision has been submitted on 24.11.2020.	
10.	Ambient air quality monitoring was carried out at 8 locations during April 2019 to June 2019 and the baseline data indicates the ranges of concentrations as: PM ₁₀ (49 – 88 µg/m ³), PM _{2.5} (22 – 52 µg/m ³), SO ₂ (19 – 45 µg/m ³) and NO ₂ (15 – 42 µg/m ³). AAQ modelling study for point source emissions indicates that the maximum incremental GLCs after the proposed project would be 0.12 µg/m ³ , 0.16 µg/m ³ and 0.09 µg/m ³ with respect to PM ₁₀ , SO ₂ and NO _x . The resultant concentrations are within the National Ambient Air Quality Standards (NAAQS). Noise level was recorded at eight locations within the study area to provide the baseline data. Baseline data reveals that in the surrounding area noise levels are within the permissible limits as per National Ambient Air Quality Standards (NAAQS). Ground and surface water samples were collected within the study area. Its analysis results are as per drinking water standards (IS 10500: 2012) and Class-B outdoor bathing (IS 2296: 1982) as per CPCB except few parameters. Physico-Chemical characteristics of soil samples were determined from 5% leachate of the samples as per the applicable Act /Rules prescribed by MoEF&CC, CPCB related statutory authority.	We have taken note of the same.
11.	The PP reported that total water requirement is 435 KLD of which fresh water requirement of 395 KLD (after recycling) will be met by bore-well. Domestic waste water (24 KLD) will be treated in Effluent Treatment Plant while, industrial wastewater (254 KLD) will be treated in Effluent Treatment Plant. ETP treated water (278 KLD) will be sent to CETP, Vatva. While, other treated wastewater from process (1 KLD) will be sent to Common MEE. The water from RO Reject (28 KLD) will be treated in ETP and from stream trap (40 KLD) will be recycled and used in manufacturing process.	It is to be noted that we had not manufactured proposed product, hence the water consumption is as per existing products. The source of water is Borewell, for which we have obtained CGWA NOC which is enclosed herewith as Annexure - 1 for your reference. The effluent is being treated in the ETP. The schematic diagram of ETP is enclosed herewith as Annexure - 2. The final outlet result of ETP is also enclosed herewith as

For, Anar Chemicals LLP

As per Anar Chemicals

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Annexure - 3.

The treated effluent is being sent to CETP for further treatment at M/s. The Green Environment Services Co-op Soc. Ltd, Vatva after confirming the inlet norms. The copy of CETP permission letter is enclosed herewith as **Annexure - 4.**

Please refer below water consumption and waste water generation data during Apr'24 to Sep'24.

Month	Water Consumption (KL)
April-24	7784
May-24	4804
June-24	7561
July-24	5704
Aug-24	5760
Sep-24	7762

Month	Wastewater Generation (KL)
April-24	5134
May-24	2638
June-24	5999
July-24	5842
Aug-24	4962
Sep-24	7493

12. The PP reported that the Power requirement after expansion will be 525 KW and will be met from Torrent Power Ltd. However, in case of power failure, proposed D.G. set with capacity 250 kVA will be used as standby during power failure/ emergency. Stack (height 11 m) will be provided as per CPCB norms to the proposed D.G. Set.

We have installed the D.G. set with capacity of 250 kVA and we are following the D.G set norms given by the CPCB.

13. The existing unit has 1.5 TPH capacity white coal fired boiler with APCM of Multi Cyclone Dust collector with a stack height of 30 m. and 6,00,000 kcal/Hour Thermic fluid heater. Additionally, 1.5 TPH Natural gas fired / White coal fired boiler will be installed with APCM Cyclone separator & Bag filter with adequate stack height of 30 m and one no. of D.G. Set (250 KVA) will be installed.

We have installed 3 TPH capacity and 6,00,000 kcal/Hour Thermic fluid heater with a stack height of 30 m along with a APCM consisting of a Multi Cyclone Separator,

For, Anar Chemicals LLP

Ajay Chohan

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						Bag Filter and Dry Scrubbing System. A new D. G. Set (250 KVA) has been installed with adequate stack height of 11 m.	
14.	Details of Process Emissions Generation and its Management:					As stated above we had not installed proposed process reaction vessel system-5 emission stacks as per EC dated 16.08.2022. Analysis report of existing process gas emission is enclosed herewith as Annexure - 5 .	
	Sr. No.	Vent attached to	Stack height from G.L., meter	APCM	Expected Pollutant		
	Existing						
	1	Reaction Vessel - 1 (Naphthol, LSD plant)	21 m	Water Scrubber followed by Alkali Scrubber	HCl – 16 mg/Nm ³		
	2	Reaction Vessel - 2 (Metal Phthalocyanines, PH Plant)	21 m	Two stage water scrubber followed by Acid scrubber	Ammonia (NH ₃) – 140 mg/Nm ³		
	Proposed						
	1	Reaction Vessel - 3 (Solvent dyes, LSD Plant)	21 m	Acetic acid scrubbing system	Amine Acetate		
	2	Reaction Vessel - 4 (Photoinitiator, Pilot Plant)	21 m	Water Scrubber followed by Alkali Scrubber	HCl – 16 mg/Nm ³		
	3	Reaction Vessel System – 5 (alkyl halides gases)	21 m	Water Scrubber followed by Alkali Scrubber	Sodium Chloride		
15.	Details of Solid Waste/ Hazardous Waste Generation and their Management:						It may be noted that hazardous waste is generated as per the existing production. Please refer below hazardous waste disposal data during Apr'24 to Sep'24. Hazardous Waste Disposal:
	Sr. No.	Type of Waste	Waste Category	Quantity per Year		Mode of Disposal**	
				Existing * (a)	Proposed d (b)		

For, Anar Chemicals LLP

Ajay R Chohan

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1	ETP Sludge	35.3 (Sch-I)	400 MT	200 MT	600 MT	Will be collected, stored, transported and disposed at GPCB approved TSDF site.
2	Used Oil	5.1 (Sch-I)	0.04 MT	0.01 MT	0.05 MT	Will be collected, stored and disposed by selling it to registered recyclers/ refiners.
3	Discarded Containers/Liners	33.1 (Sch-I)	600 Nos. 2000 Nos.	100 Nos. 300 Nos.	700 Nos. 2300 Nos.	Will be collected, stored and disposed by selling it to authorized recycler.
4	Inorganic Acid (Spent sulphuric acid 18-20%)	26.3 (Sch-I)	912 MT	1246 MT	2158 MT	Will be collected, stored, transported to registered spent acid recovery unit (NSAM, Vatva, Ahmedabad).
5	Oil & Grease	35.4 (Sch-I)	5 MT	0.5 MT	5.5 MT	Will be collected, stored, transported and disposed to registered recycler (RSPL, Ankleshwar).
6	Solvent Residue	20.3 (Sch-I)	10 MT	90 MT	100 MT	Will be collected, stored, transported and disposal to registered recycler/incinerator. (RSPL, Ankleshwar).
7	Cotton Waste	33.2 (Sch-I)	--	5 MT	5 MT	Will be collected, stored, transported and disposal to registered recycler/incinerator. (RSPL, Ankleshwar)
8	Ammonium Solution	26.1	--	100 MT	100 MT	The Ammonium solution generated due to the scrubbing of Ammonia will be

Ty pe of Waste Month	Use d or Spent Oil (MT)	Sol vent Resid ue (M T)	Emp ty Drums (No s.)	lin ers (M T)	A m m on ium Carb on ate (M T)	ETP (M)
C at e.	5. 1	20 .3	33 .1 1	3 3 . 1 3	26 .1	3 5. 3
A p- 2 4	0	0. 00	26 8	0	0. 00	2 6. 1 3
M a y- 2 4	0	0. 00	25 5	0	13 .2 6	0. 0 0
Ju n e- 2 4	0	0. 00	14 8	0	0. 00	0. 0 0
Ju ly - 2 4	0	0. 00	14 8	0	0. 00	0. 0 0
A u g- 2 4	0	19 .5 9	44 4	0	23 .6 3	0. 0 0
S e p- 2 4	0	0. 00	27 2	1 . 6 3	0. 00	0. 0 0

For, Anar Chemicals LLP

Anar N. Chohan

Authorised Signatory

						collected, stored and used for neutralization in our ETP. Excess if any will be sold to actual users under rule-9 of HWM Rules, 2016.	<table><tr><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>T</td><td></td><td>19</td><td>15</td><td>1</td><td>36</td><td>2</td></tr><tr><td>o</td><td>0</td><td>.5</td><td>35</td><td>.6</td><td>.8</td><td>6.</td></tr><tr><td>t</td><td></td><td>9</td><td></td><td>3</td><td>9</td><td>1</td></tr><tr><td>a</td><td></td><td></td><td></td><td></td><td></td><td>3</td></tr></table>	4							T		19	15	1	36	2	o	0	.5	35	.6	.8	6.	t		9		3	9	1	a						3
4																																										
T		19	15	1	36	2																																				
o	0	.5	35	.6	.8	6.																																				
t		9		3	9	1																																				
a						3																																				
	9	Zinc Chloride Solution	26.1	--	50 MT	50 MT	Collection, Storage, Transportation and disposal by selling to actual users under rule-9 of HWM Rules, 2016.																																			
Note: *Existing quantity as per CC&A granted by GPCB **As per Hazardous and Other Wastes (Management and Transboundary Movement)Rules 2016 Other waste like E-Waste and Battery Waste (if any) will be managed as per E-Waste(Management) Rules,2016 and Batteries (Management and Handling) Amendment Rules,2010 as well as MoEF&CC Notification/CPCB guidelines.																																										
16.	The PP reported that total capital cost earmarked towards environmental pollution control measures is Rs. 1.55 Crores and the Recurring cost (operation and maintenance) will be about Rs. 0.94 Crore per annum. For air pollution control Rs. 6.0 Lakh [(Capital cost) and Rs. 5.5 Lakh per annum (Recurring cost)], water pollution control [Rs. 1.105 crore (Capital cost)and Rs. 7.3 Lakh per annum (Recurring cost)], Noise pollution control [Rs. 40,000 (Capital cost) and Rs.15,000 per annum (Recurring cost)], solid waste management [Rs. 2.85 lakh (Capital cost) and Rs. 75.0 Lakh per annum (Recurring cost)], greenbelt [Rs. 50,000 (Capital cost) and Rs. 3.0 Lakh per annum (Recurring cost)], Occupational Health & Safety [Rs. 3.5 Lakh (Capital cost) and Rs. 4.0 Lakh per annum (Recurring cost)], and CER [Rs. 32.0 lakh (Capital cost)].						The used oil and discarded containers are being sent to authorized recyclers. Dried ETP sludge is being sent to registered disposal site of M/s. Ecocare Infrastructure Pvt. Ltd. The copy of membership certificate is enclosed herewith as Annexure- 6. Impermeable pavement is provided in the sludge storage area. The membership copy of incineration facility is enclosed herewith as Annexure - 7. It may be noted that due to market constraints no part of products granted in EC dated 16.08.2022 has been implemented and therefore we have implemented capital cost earmarked towards environmental pollution control measures as per our existing product.																																			
17.	The industry has already developed greenbelt within and outside of the project site in an area of 40.7 % i.e. 5,457 m ² out of total area of the project. During the meeting, PP submitted that 13,080 numbers of trees have been planted on 3,270 m ² of land area. VIA has adopted Miyawaki technique for dense tree plantation in which various native species of trees are planted close to each other so that the trees receive sunlight from the top and grow faster in an upward direction. As a result, the trees planted are approximately 30						We have developed 937 m² of greenbelt area within premises and have purchased the rights for development of a green belt on a land area of 3270 m² on land belonging to M/s. Vatva Industry Association. Proof of the same is enclosed herewith																																			

For, Anar Chemicals LLP

As an ~ Chetan

Authorised Signatory

times denser, grow 10 times faster and become self-sustaining after a few years. Total carbon sequestration potential of the same is estimated to be 12,450 tCO₂e per annum. Where as carbon footprint of unit is estimated to be 8,341.48 tCO₂e per annum. Therefore, total carbon footprint will be reduced by over 100% through carbon sequestration.

as **Annexure-8**. Moreover, we have also purchased 1250 m² of land area at Alina village for greenbelt development.

Based on the above, total greenbelt area comes out to be **5457 (3270 + 1250 + 937) m²** which gives 40.7% of total plot area.

The details of Greenbelt development plan is enclosed herewith as **Annexure - 8**.

The progress report of greenbelt development given by VIA is attached as **Annexure - 9**.



18. The PP reported that Project Activities associated with the Emission of CO₂ Consumption of fuel, Usage of electricity, from transportation sector, from effluent treatment plant, it may be noted that there will be no CO₂ emission from the proposed manufacturing process, the total CO₂ emission from the all of above

We are in the process of developing 1365 trees belonging to 17 different species with minimum total carbon sequestration potential of

For, Anar Chemicals LLP

Ajay N. Ushin

Authorised Signatory

	activities is summarized in the below table:	1302.66 tCO ₂ e per annum.																		
	<table> <tr> <th>Emission Sector</th><th>CO₂ Emission (tCO₂e/Annum)</th><th>% Contribution to Total CO₂ Emission</th></tr> <tr> <td>Fuel Consumption</td><td>4228.63</td><td>50.69</td></tr> <tr> <td>Electricity Consumption</td><td>3890.75</td><td>46.64</td></tr> <tr> <td>Transportation</td><td>83.30</td><td>1.00</td></tr> <tr> <td>Effluent Treatment Plant</td><td>138.30</td><td>1.66</td></tr> <tr> <td>Total CO₂ Emission per Annum</td><td>8341.48</td><td>100.00</td></tr> </table>	Emission Sector	CO ₂ Emission (tCO ₂ e/Annum)	% Contribution to Total CO ₂ Emission	Fuel Consumption	4228.63	50.69	Electricity Consumption	3890.75	46.64	Transportation	83.30	1.00	Effluent Treatment Plant	138.30	1.66	Total CO ₂ Emission per Annum	8341.48	100.00	The details of Greenbelt development plan is enclosed herewith as Annexure - 8 .
Emission Sector	CO ₂ Emission (tCO ₂ e/Annum)	% Contribution to Total CO ₂ Emission																		
Fuel Consumption	4228.63	50.69																		
Electricity Consumption	3890.75	46.64																		
Transportation	83.30	1.00																		
Effluent Treatment Plant	138.30	1.66																		
Total CO ₂ Emission per Annum	8341.48	100.00																		
19.	The total Carbon Footprint of proposed project will be to the tune of 8341.48 tCO ₂ e per annum. A minimum total of 1365 trees belonging to 17 different species are to be developed, with minimum total carbon sequestration potential of 1302.66 tCO ₂ e per annum.																			
20.	The project proponent submitted the onsite and offsite emergency plan in the EIA. The Committee deliberated the Onsite and Offsite Emergency plans and various mitigation measures proposed to be taken during the implementation of the project and advised the PP to implement the provisions of the Rules and guidelines issued under 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.	We are complying with 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.																		
21.	The PP proposed to set up an Environment Management Cell (EMC), where in it is proposed to engage EHSQ representative- EHS-Environment Engineer and consultant safety officer, Consultant technical specialist – quality assurance, DGM-QA& ISO system, Dy. Manager QA, Sr. lab tech., chemist. R& D manager- technical manager, chemist, Labtech/ trainee.	Please refer below details of Environmental Management Cell. <table> <tr> <th>Sr. No</th><th>Name</th><th>Designation</th></tr> <tr> <td>1</td><td>Dhara Panchal</td><td>Env. Engg.</td></tr> <tr> <td>2</td><td>Bharat Shah</td><td>ETP Incharge</td></tr> <tr> <td>3</td><td>Pratik Solanki</td><td>Safety Officer</td></tr> <tr> <td>4</td><td>Nainesh Parikh</td><td>QA Manager</td></tr> </table>	Sr. No	Name	Designation	1	Dhara Panchal	Env. Engg.	2	Bharat Shah	ETP Incharge	3	Pratik Solanki	Safety Officer	4	Nainesh Parikh	QA Manager			
Sr. No	Name	Designation																		
1	Dhara Panchal	Env. Engg.																		
2	Bharat Shah	ETP Incharge																		
3	Pratik Solanki	Safety Officer																		
4	Nainesh Parikh	QA Manager																		
22.	The PP reported the total estimated cost of the proposed expansion is Rs. 16 Crores and Total Employment will be 50 persons as direct as well as other indirect employees for expansion.	As stated above due to market constraints no part of products granted in EC dated 16.08.2022 has been implemented.																		
23.	The Project Proponent has given an undertaking that the data and information given in the application and enclosures are true to the	We have taken note of the same and agreed to the condition.																		

For, Anar Chemicals LLP

Ajay Chohan

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	best of his knowledge and belief and no information has been suppressed in the EIA/EMP reports. If any part of data/information submitted is found to be false/ misleading at any stage, the project will be rejected and Environmental Clearance given, if any, will be revoked at the risk and cost of the project proponent.	
24.	The Committee found the EIA/EMP report and reply of PP satisfactory. The Committee noted that the EIA reports are in compliance of the ToR issued for the project, reflecting the present environmental status and the projected scenario for all the environmental components. The Committee deliberated on the proposed mitigation measure towards Air, Water, Noise and Soil pollutions. The Committee suggested that the storage of toxic/explosive raw materials/products shall be undertaken with utmost precautions and following the safety norms and best practices. The EAC also noted that project is located inside the notified industrial area hence the Public Hearing is exempted in pursuant to Ministry's OM No. J-11011/321/2016-IA. II (I) dated 27.4.2018. The EAC deliberated on the proposal with due diligence in the process as notified under the provisions of the EIA Notification, 2006, as amended from time to time and accordingly made the recommendations to the proposal. The Experts Members of the EAC found the proposal in order and recommended for grant of environmental clearance. The MoM and all the project documents are available on PARIVESH which can be accessed at http://parivesh.nic.in. The Committee is of the view that recommendation of EAC and grant of environmental clearance by regulatory authority to the project/activity is strictly under the provisions of the EIA Notification 2006 and its subsequent amendments. It does not tantamount/construe to approvals/consent/permissions etc. required to be obtained or standards/conditions to be followed under any other Acts/ Rules/ Subordinate legislations, etc., as may be applicable to the project. The project proponent shall obtain necessary permission as mandated under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981, as applicable from time to time, from the State Pollution Control Board, prior to construction & operation of the project.	We have provided proper storage area for raw materials along with dyke wall the photographs are enclosed herewith as Annexure-10 .
25.	The proposal was again placed in 34th EAC meeting held during 12-13 July, 2022 to specify the additional conditions for better compliance and monitoring, as the project is located in CPA and also for minor corrections in the previous MoM. The EAC recommended for inclusion of additional specific conditions, which have been stipulated in the below condition. The EAC also noted that spent ammonium carbonate generated from the process (dye and dye intermediate industry) has been	Noted.

For, Anar Chemicals LLP

As per Mr. Chohan

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	declared as hazardous waste under category 26.1 of Hazardous Waste Management Rules, 2016 and for which SOP has been prepared by CPCB in the year 2019. It should not be considered as a by-product.	
26.	Based on the proposal submitted by the project proponent and recommendations of the EAC (Industry-3), the Ministry of Environment, Forest and Climate Change hereby accords Environmental clearance to the project for Proposed Expansion of Synthetic Organic Chemicals in Existing Production Capacity and Addition of New Products within Existing Premises, located at Plot Nos. 12 & 14, GIDC Phase-I, Vatva, Dist. Ahmadabad, Gujarat by M/s Anar Chemicals LLP under the provisions of the EIA Notification, 2006, subject to the compliance of terms and conditions as under:-	It may be noted that due to market condition no part of proposed product generated in EC dated 16.08.2022 has been implemented.
A. SPECIFIC CONDITIONS		
i.	Since the project site is in a critically polluted area, the additional mitigation measures already committed by PP to safeguard the environment as per the MoEF&CC O.M. dated 31/10/2019 and those stipulated by SPCB from time to time shall be duly complied.	As we are in critically polluted area, we have developed 40.7% greenbelt area of total plot area. We have installed a Continuous Online Monitoring System (CEMS) for stack emission. Also, we are using white coal (Briquettes) as a fuel, which has less sulfur content so it's a cleaner fuel. Also using best available technologies in our plant. Disposing hazardous waste as per Hazardous Waste Management Rules, 2016. Regularly monitoring of Ambient Air, Water, Stack and Noise is being carried out by authorized agency.
ii.	The PP shall develop Greenbelt over an area of at least 5,457m ² by planting 1365 trees within a year of grant of EC. This is in addition to the 13,080 number of trees planted on 3270 m ² of the plant area. The saplings selected for the plantation should be of sufficient height, preferably 6-ft. The budget earmarked for the plantation shall be Rs. 16,35,000 Lakh and shall be kept in separate account and should be audited annually .PP should annually submit the audited statement along with proof of activities viz. photographs (before & after with geo-location date & time),	We have planted 13,080 numbers of trees on 3270 m² through Vatva Industries Association. The plantation receipt of Rs. 16,35,000 Lakh is enclosed herewith as Annexure - 11. Also the progress report of greenbelt development given by

For, Anar Chemicals LLP



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	details of 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 previous year.	VIA is enclosed herewith as Annexure- 9.																				
iii.	A separate Environmental Management Cell (having qualified persons with Environmental Science/Environmental Engineering/specialization in the project area)equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions. PP shall engage EHSQ representative- EHS- Environment Engineer and consultant safety officer, Consultant technical specialist – quality assurance, DGM-QA& ISO system, Dy. Manager QA, Sr.lab tech, chemist, R& D manager- technical manager, chemist, Lab tech/ trainee. In addition to this one safety & health officer as per the qualification given in Factories Act1948 shall be engaged within a month of grant of EC. PP should annually submit the audited statement of amount spent towards the engagement of qualified persons in EMC along with details of person engaged to the Regional Office of MoEF&CC before 1 st July of every year for the activities carried out during previous year.	Please refer below details of Environmental Management Cell. <table><tr><th>Sr . No</th><th>Name</th><th>Designation</th><th>Amount (per Month)</th></tr><tr><td>1</td><td>Dhara Panchal</td><td>Env. Engg.</td><td>23,760/-</td></tr><tr><td>2</td><td>Bharat Shah</td><td>ETP Incharge</td><td>50,655/-</td></tr><tr><td>3</td><td>Pratik Solanki</td><td>Safety Officer</td><td>50,996/-</td></tr><tr><td>4</td><td>Nainesh Parikh</td><td>QA Manager</td><td>1,41,733/-</td></tr></table>	Sr . No	Name	Designation	Amount (per Month)	1	Dhara Panchal	Env. Engg.	23,760/-	2	Bharat Shah	ETP Incharge	50,655/-	3	Pratik Solanki	Safety Officer	50,996/-	4	Nainesh Parikh	QA Manager	1,41,733/-
Sr . No	Name	Designation	Amount (per Month)																			
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3	Pratik Solanki	Safety Officer	50,996/-																			
4	Nainesh Parikh	QA Manager	1,41,733/-																			
iv.	The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All there commendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented. The budget propose under EMP is Rs. 1.55 Crores (Capital cost) and Rs. 0.94 Crore (Recurring cost) shall be kept in separate account and should be audited annually. The PP should submit the annual audited statement along with proof of implementation of activities proposed under EMP duly supported by photographs (before & after with geo-location date & time) and other document as applicable to the Regional Office of MoEF&CC before 1st July of every year for the activities carried out during previous year.	The said condition is being complied.																				
v.	The total water requirement (including the existing) will be 435 KLD (Fresh –395 KLD) which will be met from the Bore Well. The PP has submitted application for groundwater withdrawal submitted on 9.8.2021. The PP should ensure that Ground water utilization should not be above the permissible limit and only after obtaining valid NOC from CGWA/ Concerned Authority. The PP should submit the details of GW abstraction and utilization to the Regional Office of MoEF&CC before 1 st July of every year for the activities carried out during previous year. In addition to this, the PP shall submit the target for reduction of GW utilization to Regional Office of MoEF&CC within a period of one year.	It is to be noted that we had not manufactured proposed product, hence the water consumption is as per existing products. The source of water is Borewell, for which we have obtained CGWA NOC and it enclosed herewith as Annexure - 1 for your reference.																				

For, Anar Chemicals LLP

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vi.	No banned chemicals shall be manufactured by the project proponent. No banned raw materials shall be used in the unit. The project proponent shall adhere to the notifications/guidelines of the Government in this regard.	We are not manufacturing banned chemicals as well as not using banned raw materials. We are following all the notifications/guidelines of the Government in this regard.
vii.	The project proponent 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.	We are in the process of developing 1365 trees belonging to 17 different species with minimum total carbon sequestration potential of 1302.66 tCO ₂ e per annum.
viii.	The species-specific conservation plan of Schedule-I species shall be implemented within time limit and as per the approval of the Chief Wildlife Warden of the State Government.	We have taken note of the same.
ix.	The project proponent shall comply with the environment norms for Pharmaceuticals/Bulk Drugs Industry as notified by the Ministry of Environment, Forestland Climate Change; vide GSR 541(E), dated 06.08.2021 under the provisions of the Environment (Protection) Rules, 1986.	The said condition is being compiled as per Environment (protection) Rules, 1986 of GPCB.
x.	All necessary precautions shall be taken to avoid accidents and action plan shall be implemented for avoiding accidents. The project proponent 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.	We have taken all the necessary precautions to avoid accidents by conducting trainings, mock drills. Also complying 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.
xi.	The volatile organic compounds (VOCs)/Fugitive emissions shall be controlled at 99.97% with effective chillers/modern technology. Regular monitoring of VOCs shall be carried out.	Regular water sprinkling is carried out. Fugitive dust emission is controlled by installation of required equipments/ machineries and preventive maintenance.
xii.	The project proponent shall explore possibilities for recycling and reusing of treated water in the unit to reduce the fresh water demand and waste disposal.	We are reusing our treated water from the ETP in our process.
xiii.	As already committed by the project proponent, Domestic waste water (24 KLD) will be treated in Effluent Treatment Plant while, industrial wastewater (254 KLD) will be treated in Effluent Treatment Plant. ETP treated water (278 KLD) will be sent to CETP, Vatva. While, other treated wastewater from process (1 KLD) will	The domestic wastewater is treated in Effluent treatment plant. The industrial wastewater is treated in the ETP and the

For, Anar Chemicals LLP

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	be sent to Common MEE. The water from RO Reject (28 KLD) will be treated in ETP and from stream trap (40KLD) will be recycled and used in manufacturing process.	treated effluent is being sent to CETP for further treatment at M/s. The Green Environment Services Co-op Soc. Ltd, Vatva after confirming the inlet norms.
xiv.	Continuous online (24x7) monitoring system for stack emissions shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB servers. For online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.	We have installed Continuous online monitoring system for stack emission. Please find below photograph of installed CEMS on Stack. 
xv.	The storage of toxic/hazardous raw material shall be bare minimum with respect to quantity and inventory. Quantity and days of storage shall be submitted to the Regional Office of Ministry and SPCB along with the compliance report.	We are storing our raw materials as per the requirement. The details of maximum storage capacity of raw material are enclosed herewith as Annexure - 10.
xvi.	The occupational health centre for surveillance of the worker's health shall be set up. The health data shall be used in deploying the duties of the workers. All workers & employees shall be provided with required safety kits/mask for personal protection.	Occupational health surveillance of the workers is done on a regular basis and records are maintained as Form-32 as per the Factories Act. The health surveillance photographs are attached as Annexure - 13.

For, Anar Chemicals LLP

Ajay N Chohan

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		We have also provided personal protection equipments (PPEs) to the workers.
xvii.	Training shall be imparted to all employees on safety and health aspects for handling chemicals. Safety and visual reality training shall be provided to employees. Action plan for mitigation measures shall be properly implemented based on the safety and risk assessment studies.	The said condition is being complied. Unit is ISO 45001:2018 certified. Copy of the same is enclosed herewith as Annexure - 14. The training photographs are attached as Annexure - 15.
xviii.	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire-fighting system shall be as per the norms.	We have provided adequate fire fighting system in our premises, the details of the same is attached as Annexure - 16 .
xix.	The solvent management shall be carried out as follows: (a) Reactor shall be connected to chilled brine condenser system. (b) Reactor and solvent handling pump shall have mechanical seals to prevent leakages. (c) Solvents shall be stored in a separate space specified with all safety measures. (d) Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done. (e) Entire plant shall be flameproof. The solvent storage tanks shall be provided with breather valve to prevent losses. (f) All the solvent storage tanks shall be connected with vent condensers with chilled brine circulation.	(a) We have installed cooling tower attached with condenser of reactors. (b) All reactors are having mechanical seal and also transfer pump have this facility to reduce leakage of solvent vapour. (c) Solvents are stored at define place with safety precautions like earthing, bonding, dyke wall, level indicator, breather valve and nitrogen purging system, flam proof type pumps and motors. (d) Earthing is provided for all electrical equipment and earth pit testing is also done periodically. (e) Flame proof electrical equipments installed in plants which are handling flammable materials and all solvent tanks have breather valve and Nitrogen purging system. (f) Noted.
xx.	The storm water from the roof top shall be channelized through pipes to the storage tank constructed for harvesting of rain water in the premises and harvested water shall be used for various industrial processes in the unit. No recharge shall be permitted within the premises. Process effluent/ any wastewater shall not be allowed to mix with storm water.	The unit is located within GIDC, Vatva which is critically polluted area and thus GPCB does not permit to recharge rain water. Although, we have installed roof top rain water harvesting system

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Anand Chohan

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		so that the collected rain water can be used for various purposes to conserve fresh water.
xxi.	The PP shall undertake waste minimization measures as below (a) Metering and control of quantities of active ingredients to minimize waste; (b) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. (c) Use of automated filling to minimize spillage. (d) Use of Close Feed system into batch reactors. (e) Venting equipment through vapor recovery system. (f) Use of high pressure-hoses for equipment cleaning to reduce wastewater generation.	(a) We have provided SCADA system to charge solvents into reactors by metering system. (b) We are reusing recover solvents in our product as a solvent after purification done by the agency. This helps to minimize the waste. (c) Automated jumbo bag system provided for naphthol AS-CL product which saves dusting, material loss and manpower and also Automatic drum filling system of solvent dyes prevent leakages. (d) Our Charging of solvents to reactors by SCADA system to prevent handling loss as well as prevent explore of solvent vapour. (e) Noted. (f) Use it as and when required.
xxii.	The activities and the action plan proposed by the project proponent to address the issues raised during the public hearing as well as the related socio-economic issues in the study area shall be completed as per the schedule presented before the Committee and as described in the EIA report in letter and spirit.	The project is located inside the notified industrial area and hence, the Public Hearing is exempted in pursuant to Ministry's OM No. J-11011/321/2016-IA. II (I) dated 27.4.2018.
B. Specific Conditions (CPA):		
i.	The Project Proponent shall install a minimum of 3 (three) online Ambient Air Quality Monitoring Stations with 1 (one) in upwind and 2 (two) in downwind direction based on long term climatological data about wind direction such that an angle of 120° is made between the monitoring locations to monitor critical parameters, relevant for Industry operations, of air pollution viz. PM10, PM2.5, NO2, CO and SO2 etc. as per the methodology mentioned in NAAQS Notification No. B-29016/20/90/PCI/I, dated 18.11.2009 covering the aspects of process emission, transportation, use of DG Set and use of any machinery in the impact zone. The ambient air quality shall also be monitored at prominent places as per the site condition to ascertain the exposure characteristics at specific places. The above data shall be digitally displayed within 03 months in front of the main Gate of	We have taken note of the same.

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	the Industry.	
ii.	The PP shall ensure that effective fugitive emission control measures should be imposed in the process, transportation, packing etc. and wherever possible, the transportation of materials is through rail/conveyor belt.	Regular water sprinkling is carried out to control fugitive emissions and also we are maintaining good housekeeping in our premises. We are using proper loading equipments. Cover the transport vehicle to mitigate dust emission. Moreover, limited the speed of the vehicles during transportation. Provided sufficient greenbelt area to mitigate the fugitive emission.
iii.	Effective safeguard measures for prevention of dust generation and subsequent suppression (like regular water sprinkling, metal led road construction etc.) shall be carried out in areas prone to air pollution wherein high levels of PM ₁₀ and PM _{2.5} are evident. Such as road, loading and unloading point and transfer points. The Fugitive dust emissions from all sources shall be regularly controlled by installation of required equipments/machineries and preventive maintenance. It shall be ensured that air pollution level conform to the standards prescribed by the MoEF&CC/ Central Pollution Control Board.	Regular water sprinkling is carried out in area prone to air pollution. Fugitive dust emission is controlled by installation of required equipments/machineries and preventive maintenance.
iv.	The PP shall explore the possibility of use of best available technology for the plant if any and submit a report every year to IRO, MoEF&CC. In case of availability of such technology the PP shall take necessary steps for the implementation of the same include amending the EC.	We are using best available technology for our plant.
v.	The PP shall plant at least 500 saplings/year outside the project premises such as a venue plantation, plantation in vacant areas, social forestry, etc. The PP shall submit the budget for the same within three months to IRO, MoEF&CC. The budget proposed to be earmarked for the outside plantation shall be kept in separate account and should be audited annually. PP should annually submit the audited statement along with proof of activities viz. photographs (before & after with geo-location date & time), details of 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 1 st July of every year for the activities carried out during previous year.	We are in the process of developing 1365 trees belonging to 17 different species with minimum total carbon sequestration potential of 1302.66 tCO_{2e} per annum. The details of Greenbelt development plan is enclosed herewith as Annexure 8.
vi.	The PP shall carry out assessment of carrying capacity of	We have provided proper wide

For, Anar Chemicals LLP

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	transportation load on roads inside the industrial premises every year and based on the assessment report take necessary measures including widening of the roads.	road for the transportation of vehicle within the premises and also limited the speed of the vehicles within premises. Regularly checking the loading capacity of the transporting vehicle and assuring that the vehicle is not overloaded.
vii.	The PP shall prepare a detailed rain water harvesting plan within a period of 6 months so that unit may become water positive. The study report shall be submitted to IRO, MoEF&CC and submit the quantity of rain water harvested to before IRO, MoEF&CC before 1 st July of every year for the rain water harvested during previous year.	We have prepared the rain water harvesting plan which is attached as Annexure - 17 for your reference. Also we are maintaining the same in our unit.
viii.	The PP shall ensure that dumping of waste if any is strictly as per designated locations approved by SPCBs/ PCCs.	The said condition is being complied. We have membership of authorized TSDF site and the membership certificate is attached as Annexure-6 .
ix.	The PP shall ensure the compliance of the EC conditions needs to be audited by a Third Party annually. Audited report needs to be submitted to IRO.	The said condition is being complied. Environmental Audit is carried out by third party annually. Please refer submitted Environmental audit report as Annexure - 18 .
x.	The PP shall use white coal (Briquettes) as a fuel. In addition to this, PP shall explore the possibility for use of cleaner fuel and submit a report within a year to IRO, MoEF&CC before 1 st July of every year for the activities carried out during previous year.	We are using white coal (Briquettes), which has less sulfur content so it's a cleaner fuel. We have not decided the possibility of other cleaner fuel, after that we will submit the report of the same.

C. General Conditions: The grant of environmental clearance is further subject to compliance of other general conditions as under:-

i.	No further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change/SEIAA, as applicable. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be	We have taken note of the same and prior approval will be taken in case of expansion and modification as prescribed under the rule.
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For, Anar Chemicals LLP

Ajay R Chohan

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	made to the Ministry/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	
II.	The Project proponent shall strictly comply with the rules and guidelines issued under the Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989, as amended time to time, the Chemical Accidents (Emergency Planning, Preparedness and Response) Rules, 1996, and Hazardous and Other Wastes (Management and Trans-Boundary Movement) Rules, 2016 and other rules notified under various Acts.	The said condition is being complied.
III.	The energy source for lighting purpose shall be preferably LED based, or advanced having preference in energy conservation and environment betterment.	We have installed solar streetlight in our premises. The details of the same are enclosed herewith as Annexure-19 .
IV.	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under the Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	The ambient noise levels are conforming to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time). A copy of analysis report of noise monitoring is enclosed herewith as Annexure -20 .
V.	The company shall undertake all relevant measures for improving the socioeconomic conditions of the surrounding area. The activities shall be undertaken by involving local villages and administration. The company shall undertake eco developmental measures including community welfare measures in the project area for the overall improvement of the environment.	The said condition is being complied. We have spent total Rs. 11,20,000 upto till date towards Socioeconomic welfare. Proof of the same is attached herewith as Annexure-21 .
VI.	The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.	The said condition is being complied.
VII.	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions / representations, if any, were, received while processing the proposal.	The said condition is being complied.
VIII.	The project proponent shall also upload/submit six monthly reports on Parivesh Portal on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data to the respective Integrated Regional Office of	The note has been taken.

For, Anar Chemicals LLP

Arjun Chohan

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	MoEF&CC, the respective Zonal Office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.	
IX.	The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Integrated Regional Office of MoEF&CC by e-mail.	The said condition is being complied. We have submitted Environmental Statement Form V which is enclosed herewith as Annexure - 22.
X.	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry and at https://parivesh.nic.in/ . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.	The advertisement has been given in the local newspapers. The proof of the same is attached as Annexure - 23.
XI.	The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	We have taken note of the same.
XII.	This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.	We have taken note of the same.
27.	The Ministry reserves the right to stipulate additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time bound manner. The Ministry may revoke or suspend the environmental clearance, if implementation of any of the above conditions is not found satisfactory.	We have taken note of the same.
28.	Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.	We have taken note of the same.
29.	Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	We have taken note of the same.
30.	The above conditions shall be enforced, inter-alia under the provisions of the Water(Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act,1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes	We have taken note of the same.

For, Anar Chemicals LLP

As per ~ [Signature]

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(Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.	
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For, M/s. Anar Chemicals LLP

Ajay Chaudhary



[Authorized Signatory]



भारत सरकार
जल शक्ति मंत्रालय
जल संसाधन, नदी विकास
और गंगा संरक्षण विभाग
केन्द्रीय भूमि जल प्राधिकरण
Government of India
Ministry of Jal Shakti
Department of Water Resources,
River Development & Ganga Rejuvenation
Central Ground Water Authority

(भूजल निकासी हेतु अनापत्ति प्रमाण पत्र)

NO OBJECTION CERTIFICATE (NOC) FOR GROUND WATER ABSTRACTION

Project Name:	Anar Chemicals Llp		
Project Address:	12,14 Viboba Bhav Nagar,phase-1, Gidc Vatva, Ahemdabad		
Town:	Ahmadabad (m Corp.)	Block:	Ahmadabad City
District:	Ahmadabad	State:	Gujarat
Pin Code:			
Communication Address:	12,14, Vinoba Bhav Nagar,phase-1, Gidc Vatva, Ahmedabad, Ahmadabad City, Ahmadabad, Gujarat - 382445		
Address of CGWB Regional Office :	Central Ground Water Board West Central Region, Swami Narayan College, Building, Shah Alam Tolnaka, Ahmadabad, Gujarat - 380022		

1.	NOC No.:	CGWA/NOC/IND/ORIG/2022/15542													
2.	Application No.:	21-4/7649/GJ/IND/2021					3.	Category: (GWRE 2020)			Semi Critical				
4.	Project Status:	Existing Project					5.	NOC Type:			New				
6.	Valid from:	02/05/2022					7.	Valid up to:			01/05/2025				
8.	Ground Water Abstraction Permitted:														
Fresh Water		Saline Water				Dewatering				Total					
m³/day		m³/year		m³/day		m³/year		m³/day		m³/year		m³/day		m³/year	
360.00		126000.00													
9.	Details of ground water abstraction /Dewatering structures														
Total Existing No.:1								Total Proposed No.:0							
		DW	DCB	BW	TW	MP	MPu	DW	DCB	BW	TW	MP	MPu		
Abstraction Structure*		0	0	1	0	0	0	0	0	0	0	0	0		
*DW- Dug Well; DCB-Dug-cum-Bore Well; BW-Bore Well; TW-Tube Well; MP-Mine Pit;MPu-Mine Pumps															
10.	Ground Water Abstraction/Restoration Charges paid (Rs.):							378000.00							
11.	Number of Piezometers(Observation wells) to be constructed/ monitored & Monitoring mechanism.					No. of Piezometers		Monitoring Mechanism							
Manual								DWLR**		DWLR With Telemetry					
**DWLR - Digital Water Level Recorder						1		0		1		0			

(Compliance Conditions given overleaf)

This is an auto generated document & need not to be signed.

18/11, जामनगर हाउस, मानसिंह रोड, नई दिल्ली - 110011 / 18/11, Jamnagar House, Mansingh Road, New Delhi-110011

Phone: (011) 23383561 Fax: 23382051, 23386743

Website: cgwa-noc.gov.in

पानी बचाये - जीवन बचाये
SAVE WATER - SAVE LIFE

Validity of this NOC shall be subject to compliance of the following conditions:

Mandatory conditions:

- 1) Installation of tamper proof digital water flow meter with telemetry on all the abstraction structure(s) shall be mandatory for all users seeking No Objection Certificate and intimation regarding their installation shall be communicated to the CGWA within 30 days of grant of No Objection Certificate.
- 2) Proponents shall mandatorily get water flow meter calibrated from an authorized agency once in a year.
- 3) Construction of purpose-built observation wells (piezometers) for ground water level monitoring shall be mandatory as per Section 14 of Guidelines. Water level data shall be made available to CGWA through web portal. Detailed guidelines for construction of piezometers are given in Annexure-II of the guidelines.
- 4) Proponents shall monitor quality of ground water from the abstraction structure(s) once in a year. Water samples from bore wells/ tube wells / dug wells shall be collected during April/May every year and analysed in NABL accredited laboratories for basic parameters (cations and anions), heavy metals, pesticides/ organic compounds etc. Water quality data shall be made available to CGWA through the web portal.
- 5) In case of mining projects, additional key wells shall be established in consultation with the Regional Director, CGWB for ground water level monitoring four (4) times a year (January, May, August and November) in core as well as buffer zones of the mine.
- 6) In case of mining project the firm shall submit water quality report of mine discharge/ seepage from Govt. approved/ NABL accredited lab.
- 7) The firm shall report compliance of the NOC conditions online in the website (www.cgwa-noc.gov.in) within one year from the date of issue of this NOC.
- 8) Industries abstracting ground water in excess of 100 m³/d shall undertake annual water audit through certified auditors and submit audit reports within three months of completion of the same to CGWA. All such industries shall be required to reduce their ground water use by at least 20% over the next three years through appropriate means.
- 9) Application for renewal can be submitted online from 90 days before the expiry of NOC. Ground water withdrawal, if any, after expiry of NOC shall be illegal & liable for legal action as per provisions of Environment (Protection) Act, 1986.
- 10) This NOC is subject to prevailing Central/State Government rules/laws/norms or Court orders related to construction of tube well/ground water abstraction structure / recharge or conservation structure/discharge of effluents or any such matter as applicable.

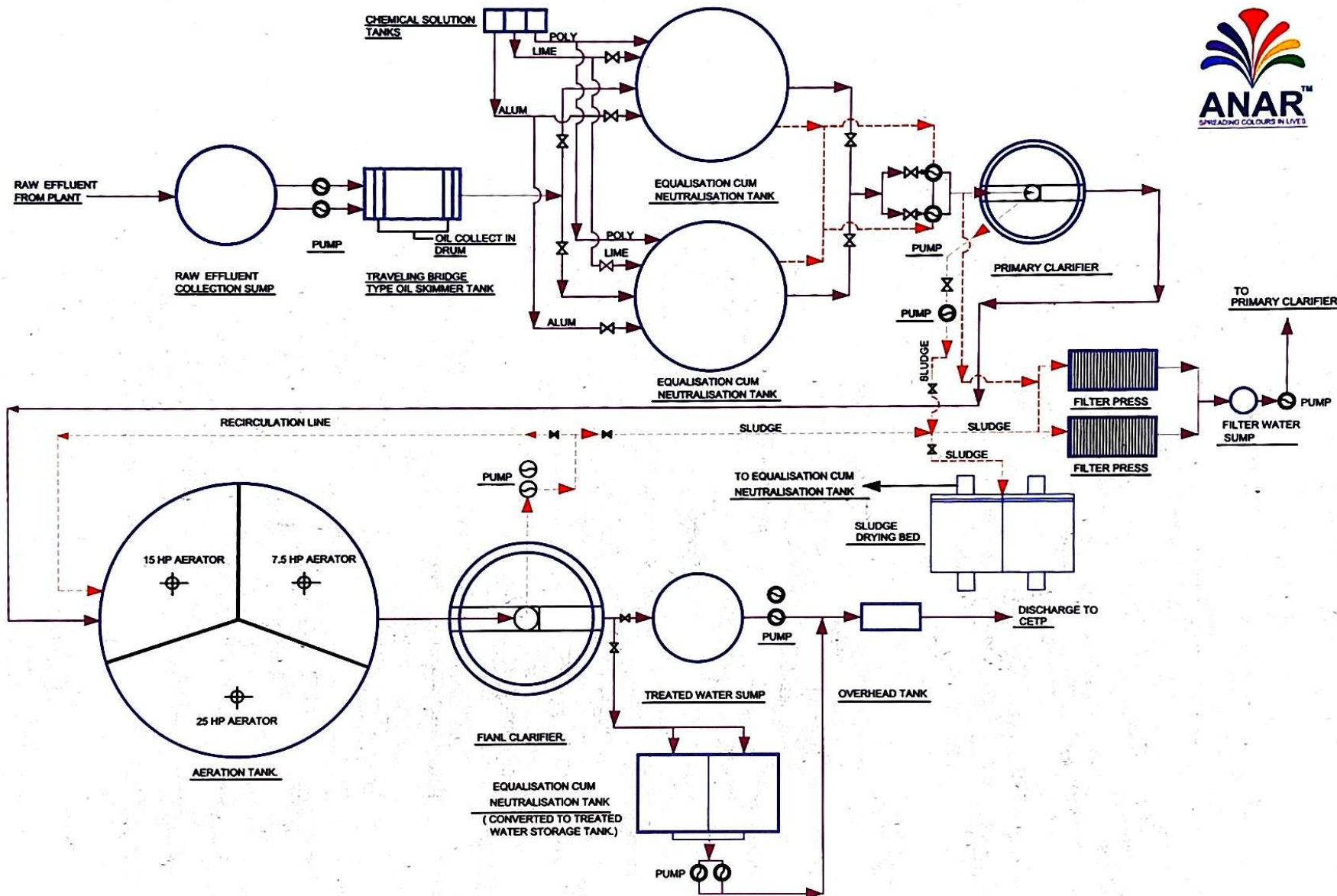
General conditions:

- 11) No additional ground water abstraction and/or de-watering structures shall be constructed for this purpose without prior approval of the Central Ground Water Authority (CGWA).
- 12) The proponent shall seek prior permission from CGWA for any increase in quantum of groundwater abstraction (more than that permitted in NOC for specific period).
- 13) Proponents shall install roof top rain water harvesting in the premise as per the existing building bye laws in the premise.
- 14) The project proponent shall take all necessary measures to prevent contamination of ground water in the premises failing which the firm shall be responsible for any consequences arising thereupon.
- 15) In case of industries that are likely to contaminate the ground water, no recharge measures shall be taken up by the firm inside the plant premises. The runoff generated from the rooftop shall be stored and put to beneficial use by the firm.
- 16) Wherever feasible, requirement of water for greenbelt (horticulture) shall be met from recycled / treated waste water.
- 17) Wherever the NOC is for abstraction of saline water and the existing wells (s) is /are yielding fresh water, the same shall be sealed and new tubewell(s) tapping saline water zone shall be constructed within 3 months of the issuance of NOC. The firm shall also ensure safe disposal of saline residue, if any.
- 18) Unexpected variations in inflow of ground water into the mine pit, if any, shall be reported to the concerned Regional Director, Central Ground Water Board.
- 19) In case of violation of any NOC conditions, the applicant shall be liable to pay the penalties as per Section 16 of Guidelines.
- 20) This NOC does not absolve the proponents of their obligation / requirement to obtain other statutory and administrative clearances from appropriate authorities.
- 21) The issue of this NOC does not imply that other statutory / administrative clearances shall be granted to the project by the concerned authorities. Such authorities would consider the project on merits and take decisions independently of the NOC.
- 22) In case of change of ownership, new owner of the industry will have to apply for incorporation of necessary changes in the No Objection Certificate with documentary proof within 60 days of taking over possession of the premises.
- 23) This NOC is being issued without any prejudice to the directions of the Hon'ble NGT/court orders in cases related to ground water or any other related matters.
- 24) Proponents, who have installed/constructed artificial recharge structures in compliance of the NOC granted to them previously and have availed rebate of upto 50% (fifty percent) in the ground water abstraction charges/ground water restoration charges, shall continue to regularly maintain artificial recharge structures.
- 25) Industries which are likely to cause ground water pollution e.g. Tanning, Slaughter Houses, Dye, Chemical/ Petrochemical, Coal washeries, pharmaceutical, other hazardous units etc. (as per CPCB list) need to undertake necessary well head protection measures to ensure prevention of ground water pollution as per Annexure III of the guidelines.
- 26) In case of new infrastructure projects having ground water abstraction of more than 20 m³/day, the firm/entity shall ensure implementation of dual water supply system in the projects.
- 27) In case of infrastructure projects, paved/parking area must be covered with interlocking/perforated tiles or other suitable measures to ensure groundwater infiltration/harvesting.
- 28) In case of coal and other base metal mining projects, the project proponent shall use the advance dewatering technology (by construction of series of dewatering abstraction structures) to avoid contamination of surface water.
- 29) The NOC issued is conditional subject to the conditions mentioned in the Public notice dated 27.01.2021 failing which penalty/EC/cancellation of NOC shall be imposed as the case may be.
- 30) This NOC is issued subject to the clearance of Expert Appraisal Committee (EAC) (if applicable).

(Non-compliance of the conditions mentioned above is likely to result in the cancellation of NOC and legal action against the proponent.)

Effluent Treatment Flow Diagram

Annexure-2



THIS DRAWING IS A PRIVATE & CONFIDENTIAL COMMUNICATION
IT MUST NOT BE COPIED OR DISCLOSED TO A THIRD PARTY
WITHOUT THE WRITTEN CONSENT OF CHOKKIVATH ASSOCIATES



ALPHA ENVIROCHEM SERVICES

Environmental Consultancy & Laboratory
GPCB Authorised Schedule-II Environmental Auditor
Email id : alphaenvirochem3@gmail.com, bsranaenviri@gmail.com

Annexure-3

Test Report- Waste Water				
Name and Address of Client		M/s. Anar Chemicals LLP, Plot No – 12,14, Phase:1, GIDC Estate, Vatva, Ta:Ahmedabad City Dist: Ahmedabad-382445.		
Report / Certificate No.	AES/AUDIT/24-25/003	Report Issue Date	16/09/2024	
Sample Collection Date	09/09/2024	Sampling Location	ETP Final Outlet	
Sample Receipt Date	09/09/2024	Sampling By	AES Team	
Sample Analysis Start Date	10/09/2024	Quantity of Sample	1 Lit	
Sample Analysis End Date	14/09/2024	Sample Id	ACL/003	
Environment Condition during the test	Normal	Environment condition during the sampling	Normal	
Chemical Analysis of Waste Water:-				
Sr. No.	Parameters	Test Method	Test Results	Unit
1.	pH @ 25 °C	APHA 23 rd Edition 4500-H+ B	3.60	-
2.	Temperature	APHA 23 rd Edition 2550 B	32	°C
3.	Total Dissolved Solids	APHA 23 rd Edition 2540 C	16896	mg/l
4.	Total Suspended Solids	APHA 23 rd Edition 2440 D	48	mg/l
5.	COD	APHA 23 rd Edition 5220 B	1366	mg/l
6.	BOD (3 days at 27 °C)	APHA 23 rd Edition 5220 B	270	mg/l
7.	Oil and Grease	APHA 23 rd Edition 5520 B	0.2	mg/l
8.	Ammonical Nitrogen	APHA 23 rd Edition 4500 NH ₃ C	8.4	mg/l
9.	Hexavalent Chromium (Cr ⁺⁶)	APHA 23 rd Edition 3500-Cr B	0.02	mg/l
10.	Total Chromium (Cr)	APHA 23 rd Edition 3500-Cr B	0.06	mg/l
11.	Copper (Cu)	APHA 23 rd Edition 3500-Cu B	0.9	mg/l
11.	Nickel (Ni)	APHA 23 rd Edition 3500-Ni B	0.4	mg/l
12.	Zinc (Zn)	APHA 23 rd Edition 3500-Zn B	0.2	mg/l
Remarks → • Test results relates to the sample tested only. • Our liability is limited to invoice value only. • No complaint will be entertained if received after 7 days of issue of the report.				



Nº 000091



શ્રેણી સંખ્યા

50

શ્રેણી ખાતા નંબર

85

રજી. ક્રમાંક સે. ૨૪૧૦૬ સને ૧૯૯૨

ગ્રીન એનવાયમેન્ટ સર્વિસીસ કો. ઓ. સો. લી.

સી-૧

CETP OFFICE Plot No. 244-251, Ph. II, G.I.D.C. Estate
Vatva, Ahmedabad 382 445. Phone : 589228

સર્વિસીસ આપવામાં આવે છે કે નહીં એનાર કોમ્પાઈલેડ રીકૉર્ડ

રહેવાસી સેક્ટર હાઉસિંગ પાલિકા ક્ષેત્રમાં

૬ - ૩૩૦ ૦૦૧ સરકારી કો. ઓ. સો. સાચવી લી. ના હેઠળ રહેવા માટેની સુધી

૨ સર્વિસીસ કો. ઓ. સો. સાચવી લી. ના હેઠળ રહેવા માટેની સુધી

4501 થી 4550 સુધીના હાઉસિંગ પાલિકા ક્ષેત્રમાં આપવામાં આવે છે

દીઠ રમિયા એકસો લાખના થીયેવા છે

૨૯ માસમાં સને ૧૯૯૫

ગ્રીન એનવાયમેન્ટ સર્વિસીસ કો. ઓ. સો. લી.

સેક્ટર

સેક્ટર



ALPHA ENVIROCHEM SERVICES

Environmental Consultancy & Laboratory
GPCB Authorised Schedule-II Environmental Auditor
Email id : alphaenvirochem3@gmail.com, bsranaenviri@gmail.com

Annexure-5

Test Report					
Process Gas Emission					
Name and Address of Client		M/s. Anar Chemicals LLP, Plot No – 12,14, Phase:1, GIDC Estate, Vatva, Ta:Ahmedabad City Dist: Ahmedabad-382445.			
Report / Certificate No.		AES/AUDIT/24-25/004	Report Issue Date	16/09/2024	
Sample Collection Date		03/09/2024	Sampling By	AES Team	
Sample Receipt Date		04/09/2024	Sample Id	ACL/004	
Sample Analysis Start Date		05/09/2024	Environment condition during the sampling	Normal	
Description of Sample		Stack attached to Reaction Vessel-1			
APCM system		Two Stage Water Scrubber followed by Alkali Scrubber			
Stack Height & Diameter		21 m & 0.06 m			
Temperature of Stack (°C)		34 °C			
Average Velocity of Stack Gas (m/sec)		5.1 m/sec			
Duration of Sampling (minutes)		30 min.			
Test Result:-					
Sr. No.	Parameters	Test Method	Test Results	Permissible Limit	Unit
1.	HCl (Hydrochloric Acid)	IS 11255 (Part-1) 2012	4.2	20	mg/Nm ³
Remarks → • Test results relates to the sample tested only. • Our liability is limited to invoice value only. • No complaint will be entertained if received after 7 days of issue of the report					





ALPHA ENVIROCHEM SERVICES

Environmental Consultancy & Laboratory
GPCB Authorised Schedule-II Environmental Auditor
Email id : alphaenvirochem3@gmail.com, bsranaenviri@gmail.com

Test Report

Process Gas Emission

Name and Address of Client	M/s. Anar Chemicals LLP, Plot No – 12,14, Phase:1, GIDC Estate, Vatva, Ta:Ahmedabad City Dist: Ahmedabad-382445.		
Report / Certificate No.	AES/AUDIT/24-25/005	Report Issue Date	16/09/2024
Sample Collection Date	03/09/2024	Sampling By	AES Team
Sample Receipt Date	04/09/2024	Sample Id	ACL/005
Sample Analysis Start Date	05/09/2024	Environment Condition During the Sampling	Normal
Description of Sample	Stack attached to Reaction Vessel-2		
APCM system	Three Stage Water Scrubber followed by Acidic Dipping Tank		
Stack Height & Diameter	21 m & 0.06 m		
Temperature of Stack (°C)	34 °C		
Average Velocity of Stack Gas (m/sec)	5.6 m/sec		
Duration of Sampling (minutes)	30 min.		

Test Result:-

Sr. No.	Parameters	Test Method	Test Results	Permissible Limit	Unit
1.	NH3 (Ammonia)	IS 11255 (Part-6) 1999	26.8	175	mg/Nm ³

Remarks →

- Test results relates to the sample tested only.
- Our liability is limited to invoice value only.
- No complaint will be entertained if received after 7 days of issue of the report



MEMBERSHIP CERTIFICATE

TO WHOM IT MAY CONCERN

This is to certify that

M/S. ANAR CHEMICALS LLP

which is situated at

Plot No.12 & 14, Phase-1,

GIDC Vatva, Ahmedabad.

is member of

M/S. ECO CARE INFRASTRUCTURES PVT. LTD.

for Treatment, Storage and Disposal Facility (TSDF),

Situated at Survey No. 127, Village: Ghaspur,

Tal.: Dasada, Dist.: Surendranagar.

Membership No. : **ECIPL-004**

Membership Renewal Date : **30-09-2022**

Membership Expired on : **30-09-2025**

Note: Waste will be accepted till the cell is not full.

FOR, ECO CARE INFRASTRUCTURES PVT. LTD.


(MANAGING DIRECTOR)



BEIL INFRASTRUCTURE LIMITED
(Formerly Known As Bharuch Enviro Infrastructure Limited)

12TH JANUARY, 2023

TO,
ANAR CHEMICALS LLP
PLOT NO 12,14,
PHASE - 1, VATVA GIDC,
AHMEDABAD - 382445.

Sub: Membership Certificate for Common Incineration Facility.

Dear Sir,

We hereby certify that you have become member for the common incineration facility of **BEIL INFRASTRUCTURE LIMITED** (FORMERLY KNOWN AS BHARUCH ENVIRO INFRASTRUCTURE LTD), at GIDC, Ankleshwar & Dahej. You have booked quantity of **10 MT/Year.** You have paid Registration fees for common incinerator membership. Your Membership No. is **CI/OBD/344.**

Waste will be accepted after submitting valid authorization of GPCB.

Thanking you,

Yours faithfully,

For, BEIL INFRASTRUCTURE LIMITED


AUTHORISED SIGNATORY

Greenbelt Development Plan

An ideal green belt always imparts scenic beauty besides providing roosting/perching place for birds and ground surface for naturally available reptiles, other flora and fauna species, to make the area more natural and hazard free. It is proposed to plant local fast-growing species for landscaping. Development of green belt with carefully selected native plant species is of prime importance due to their capacity to reduce noise and air pollution impacts by attenuation/assimilation and for providing food and habitat for local macro and micro fauna. This not only overcomes the problem but also enhances the beauty of area that will attract bird and insect species and by this way ecology of the area will maintain to a great extent. For developing the greenbelt in and around the project sites, care needs to be taken to plant the evergreen species. The planting of evergreen species may have certain advantages that may reduce the environmental pollution.

Greenbelt Area Details

For greenbelt development, we, Anar Chemicals LLP have allotted **5457 m²** which gives **40.7 %** of the total land area, i.e. 13,389 m². Out of the total allotted greenbelt area, we have developed 937 m² of greenbelt area within premises and we are in process to develop 3270 m² of greenbelt area on land belonging to M/s. Vatva Industry Association as well as 1250 m² of land area purchased at Alina village.

As per the CPCB guidelines for green belt development, we have considered 2m x 2m ratio for plantation and accordingly total **1365 numbers of trees** are to be planted.

The following points will be considered for selection of plant species to be grown:

- Greenbelt/plants that absorbs both gaseous as well as particulate pollutants to a great extent. Thus, removes/reduce pollutant from the atmosphere. For absorbance of gases, the duration of the foliage should be longer.
- Characteristics of tree/plants including shapes of crowns considered necessary for effective removal of dust particles.
- Greenbelt/plant species having good root system will be selected, so that soil erosion rates can be controlled significantly.
- Greenbelt/plant species will be selected based on their air pollution tolerance index (APTI) value.

Different tree species to be planted within and outside the company premises considering the above facts are given in the below table:

Details of plant species considered for greenbelt development

Sr. No.	Common Tree Name	Scientific Name	Total Nos. of Trees	Total CO ₂ sequestered (tCO ₂ e/Annum)
1	Ashok	Saraca asoca	60	42.83
2	Neem	Azadirachta indica	180	297.82
3	Pipal	Ficus religiosa	45	44.24
6	Gulmohar	Delonix regia	250	124.30
7	Jamun	Syzygium cumini	20	12.48
9	Mango	Magnifera indica	65	25.64
10	Arjun	Terminalia arjuna	80	45.96
11	Nilgiri	Eucalyptus sp.	165	402.12
12	Kashid	Senna siamea	40	22.36
13	Bamboo	Bauhinia acuminata	100	69.99
14	vad	Ficus benjamina	5	1.53
15	Alstonia	Alstonia scholaris	225	131.73
16	Arica Palm	Dypsis lutescens	50	25.85
17	Karanj	Pongamia pinnata	80	55.80
TOTAL			1365 Nos.	1302.66 MT per annum

Budget Allocation for Greenbelt within Project Site

The budget for the greenbelt development includes initial capital cost of Rs. 13,65,000/- and recurring cost of Rs. 8,00,000/- per year .

Greenbelt will be developed within the initial years and in later years; maintenance will be carried out of greenbelt. Detailed plantation and budget break-up of three year plan is given in below table:

Year	1st year	2nd year	3rd year	Total
No. of Saplings	600	500	265	1365 Nos.
Amount Allocated (Lakh)	6,00,000	5,00,000	2,65,000	13,65,000/-

Plantation Technique and Care

➤ Plantation Technique

Following basic procedures will be followed for greenbelt development:

- Plantation of tree species with approx. 1m³ pit for soil enrichment.
- Pit will be filled with imported soil with 3:1:1 the ratio of sand, silt and farm yard manure.
- Procurement of well grown saplings of recommended species from the nearby Forest Department nursery.
- 1 m diameter ring bund around the planted saplings will be done for water retention
- Watering of sapling is species specific; therefore watering will be done once in 2 days in monsoon and daily in other seasons for a period of two years.

Multi-layered plantation comprising of medium height trees (6-8m height) and shrubs (3-5m height) will be done for the green belt.

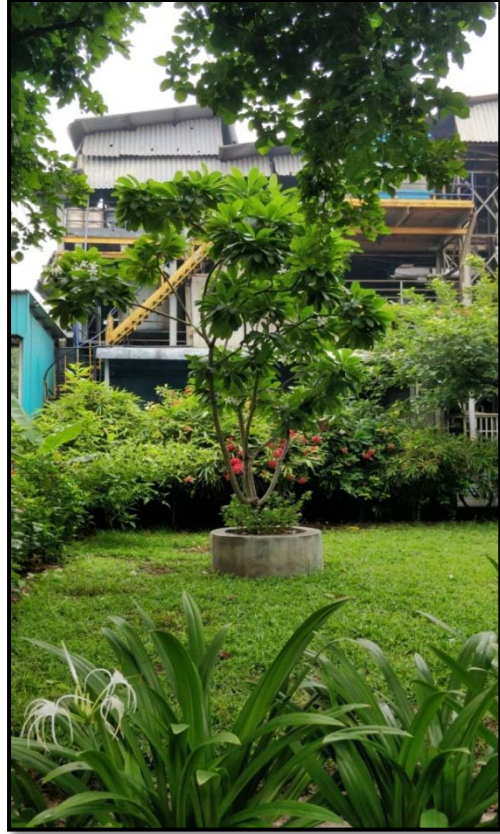
➤ Monitoring Protocol

- The plantations will be managed by regular watering, soil enrichment work, applying manure, weeding and provide proper protection.
- Replacement of sapling (replanting) will be required whenever mortality occurs in the plantation during the growth stage.

As required for plants, care will be taken for a period of minimum three years till the saplings attain their mature stage.

Photographs of Green Belt Developed within the Project Premises





Photographs of Green Belt to be Developed outside the Project Premises



Annexure-9

VIA/2023-24/25-A/530

July 4, 2024

President

Dimple V. Patel

(M) + 91 9898290800

vini0506@yahoo.co.in

To,

Anar Chemicals LLP

Plot / Shed No. - 12, 12/A, 14/A & 14/B, Phase - I,

GIDC Vatva,

Ahmedabad - 382445.

Vice President

Vashishth K. Vadhavana

(M) + 91 9824008261

vashishth_02@yahoo.com

Sub. : Allotment of Plantation area in GIDC Estate Vatva, Ahmedabad by association on behalf of your unit.**Ref. : Our letter VIA/2021-22/25-B/530 dated 21.05.2022****Hon. Secretary**

Kiran N. Patel

(M) + 91 9925005295

impex@bi-ki.com

Sir,

With reference to the above, we would like to inform you that on behalf of your unit, Vatva Industries Association have allotted & planted a plantation in following area as under

Sr. No.	Details of Place	Alloted area in sq. mtr.	Nos. of trees
1	Suvarnvan - 1, Near CIPET, Phase - IV, GIDC Vatva, A'bad	1580	6320
2	Suvarnvan - 2, Behind Mayur Dyechem, Phase - II, GIDC Vatva, A'bad	1690	6760
Total		3270	13080

Vatva Industries Association will take care off all the above plantation on your behalf and the plants which has already grown to more than 10 ft height. This is for your information.

Thanking you.

Yours faithfully,

For, **Vatva Industrie Association**
Kiran N. Patel

Hon. Secretary

Hon. Jt. Treasurer

Kaumil K. Patel

(M) + 91 9824256078

kaumil@sachininternational.com

Imm. Past President

Ankit S. Patel

(M) + 91 9824031451

ankit.patel@amiphthalo.com

VIA Center of Excellence
Plot No.-511, Phase-IV, GIDC,
Vatva, Ahmedabad-382445.
P. : +91-79 40049500, 501,502,503
P. : +91-79 40049522
Email : info@vatvaassociation.org
W. : www.vatvaassociation.org

VATVA INDUSTRIES ASSOCIATION

Annexure: 10





VATVA INDUSTRIES ASSOCIATION

VATVA INDUSTRIES ASSOCIATION

(Reg. No : F/10120)

Plot No.-511, Phase-4, GIDC, Vatva, Ahmedabad-382445.

Phone : 40049500, 501,502,503,522

Email : info@vatvaassociation.org Web address : www.vatvaassociation.org

Receipt No. :

8135

Date : 12-07-2021

RECEIVE With Thanks Rs. 16,35,000=00

Rupees Sixteen lakh thirty five thousand onlyVide Case / Cheque No. 001769 Date : 12/07/2021Drawn On Kotak

Towards

- | | |
|--|-------------------------|
| 1. Previous Year Fee <u>Green Plantation</u> | Rs. <u>16,35,000=00</u> |
| 2. Current Year Fee | Rs. _____ |
| 3. Entrance Fee | Rs. _____ |
| 4. Life Membership Fee | Rs. _____ |
| 5. Directory Sale | Rs. _____ |
| 6. Legal Fee/GIDC NOC Fee | Rs. _____ |
| 7. Seminar & Programme | Rs. _____ |
| 8. | Rs. _____ |

TOTAL Rs. 16,35,000=00Towards Full / Part Payment of Bill No. Ph-1From M/s. Anar Chemicals LLPMembership No. Plot- 12/A + 14

V.I.A. Pan No. AAAAV2424L

For, VATVA INDUSTRIES ASSOCIATION



Subject to realization of cheque

[illegible]

Annexure-13





CONFERENCE ROOM

डी ४७ दवाभानु
राज्य वीमा
योजना
आरोहण विभाग

कमसे कम २५०० रु. प्रति मास
५०.०० रु. प्रति मास
कमसे कम २५०० रु. प्रति मास
आरोहण विभाग

ANAR
Logo and text on a stand



Certificate of Registration

OCCUPATIONAL HEALTH & SAFETY MANAGEMENT SYSTEM - ISO 45001:2018

This is to certify that:

Anar Chemicals LLP
12, 14, G.I.D.C. Industrial Estate
Phase I, Vatva
Ahmedabad 382 445
Gujarat
India

Holds Certificate No:

OHS 614340

and operates an Occupational Health and Safety Management System which complies with the requirements of ISO 45001:2018 for the following scope:

The Development, Manufacture, Sales & Marketing of Dyes, Intermediates & related Specialty Chemicals.

[Previously certified to BS OHSAS 18001:2007 since 08-05-2014]

For and on behalf of BSI:

Theuns Kotze, Managing Director Assurance - IMETA

Original Registration Date: 2019-04-29

Latest Revision Date: 2023-05-05

Effective Date: 2023-04-27

Expiry Date: 2026-04-26

Page: 1 of 2



...making excellence a habit.™

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract.

An electronic certificate can be authenticated [online](#).

Printed copies can be validated at www.bsi-global.com/ClientDirectory or telephone +91 11 2692 9000.

Further clarifications regarding the scope of this certificate and the applicability of ISO 45001:2018 requirements may be obtained by consulting the organization. This certificate is valid only if provided original copies are in complete set.

Information and Contact: BSI, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP. Tel: +44 345 080 9000
BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A Member of the BSI Group of Companies.

Certificate No: **OHS 614340**

Location	Registered Activities
Anar Chemicals LLP 12, 14, G.I.D.C. Industrial Estate Phase I, Vatva Ahmedabad 382 445 Gujarat India	Development, manufacture, stores, training, purchase, management support system functions, quality assurance and legal compliance, maintenance & utilities, HR.
ANAR MCAT Advanced Electronic Chemicals Pvt. Ltd. 12B, G.I.D.C Industrial Estate Phase I, Vatva Ahmedabad 382 445 Gujarat India	Production, QC, stores & despatch.

Original Registration Date: 2019-04-29

Effective Date: 2023-04-27

Latest Revision Date: 2023-05-05

Expiry Date: 2026-04-26

Page: 2 of 2

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract.

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Annexure-15**TRAINING RECORD OF 2024**

SR.NO	DATE	TRAINING TOPIC	NO.OF TRAINEE
1	04-11-24	Hazard Symbols (Pictograms)	15
2	18/4/2024	Hazard Symbols (Pictograms)-Night	23
3	05-06-24	First Aid	16
4	17/5/2024	SCBA -Practical	9
5	21/5/2024	On Site Emergency Plan	19
6	14/5/2024	Fire Fighting-Foam Monitor	18
7	07-01-24	Fire Fighting-Foam Monitor (Night)	29
8	13/7/2024	On Site Emergency Plan	9
9	31/7/2024	On Site Emergency Plan-Night	23
10	08-03-24	Waste Management	21
11	23/8/2024	Waste Management (Night)	28
12	14/9/2024	Hazard Symbols (Pictograms)	7
13	21/09/2024	Hazard Symbols (Pictograms)-Night	16





Annexure-16

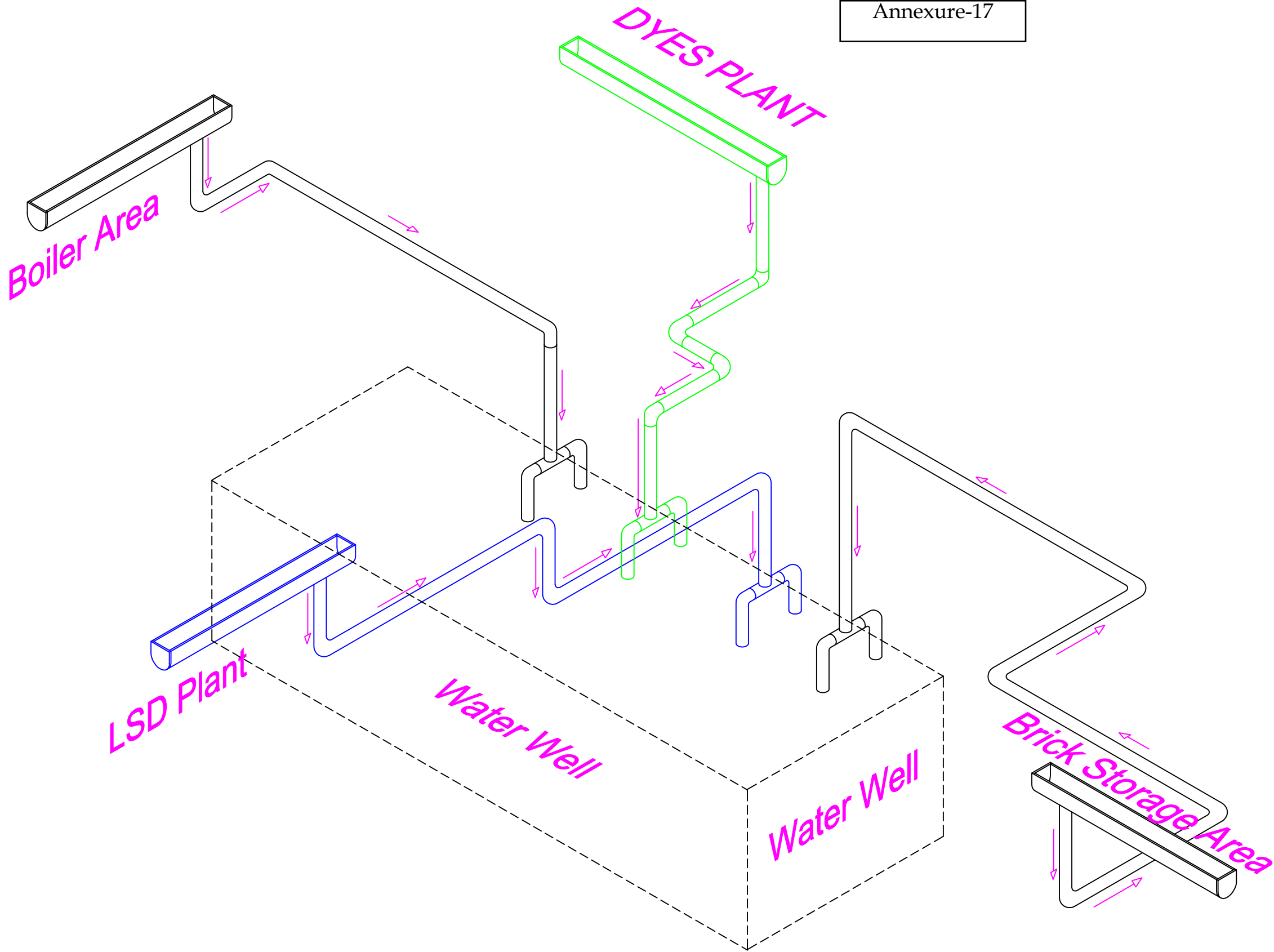


FIRE FIGHTING SYSTEM IN ANAR CHEMICALS LLP

Anar Chemicals LLP has all types of Required Emergency Response Equipments in ready to use Condition. Details are as under:

1. Main Fire Pump with 60HP motor of **137 M³/hr** water capacity. Jockey Pump for maintaining **7 kg/cm²** Pressure in Fire Hydrant line. - Inspection every week -Record available.
2. Fire water Storage **70 KL** capacity, Process Water line & Bore water Line tapping given to Fire water storage tank for Additional water Supply.
3. Total **76** Fire Extinguishers -ABC , Co2 and M. Foam types available within factory Premises - Inspection Every Month - Record Available.
4. Total **42** Sand Buckets Available within factory Premises - Inspection Every Month - Record Available.
5. **1 Nos.** 200 ltr. Foam Trolley with extra 200 ltr. AFFF Foam, **6 Nos.** of 50 ltr .M.Foam Type Fire Extinguisher Available within factory Premises - Inspection Every Month - Record Available.
6. **12 Nos.** of Fire Hose Reel (30 Mtr) Drums Available within factory Premises - Inspection Every Month - Record Available.
7. **12 Nos.** of Fire Hose Box Available within factory Premises - Inspection Every Month - Record Available
8. We have installed **Co2 Flooding System** in our Main Electric Panel Room , Liquid Solvent Dyes Plant Panel, Pilot plant and PHP plant Panel Room.
9. We have **33 Nos.** of 5 kg ABC type Temperature Sensitive Automatic **Fire Modular** in Phthalocyanine Plant.
10. We have **Automatic Foam Sprinkler System** including **Heat detectors** in our New Ware House.
11. **1 Nos.** of Foam type Modular for Solvent storage area

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Be Copied Without The Permission. And Is Returnable Upon Demand.



SR. NO.	DATE	REVISION	CHECKED BY



ANAR CHEMICALS LLP

Paper : A3	Date	Sign		
Drawn			Scale	N. T. S.
Checked				
Appd.				

210803_ISO_01
SCHEMATIC ISO FOR RAIN WATER
HARVESTING LINE FROM DIFFERENT PLANTS
TO WATER WELL AS SHOWN

Annexure-18

ENVIRONMENT AUDIT REPORT

OF

M/S ANAR CHEMICALS LLP

Located at

Plot No: 12 & 14 GIDC Estate, Phase 1 - Vatva, Ahmedabad - 382445

For the Period

(April 2023 – March 2024)

Prepared By



Satva Environ Consultancy

GPCB Recognized Schedule II Auditor

14-15, 1st Floor, Gopal Patel Estate,
Nr. Foot Bridge, Opp. Baroda Ex.Way,
C.T.M, Ahmedabad.

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LIST OF ABBREVIATIONS USED IN THE AUDIT REPORT

ABBREVIATIONS	FULL NAME
APCM	Air Pollution Control Measures
BOD	Bio Chemical Oxygen Demand
CC & A	Consolidated Consent & Authorization
C.E.T.P	Common Effluent Treatment Plant
COD	Chemical Oxygen Demand
DO	Dissolved Oxygen
EAR	Environmental Audit Report
EMS	Environmental Management System
EPA	Environmental Protection Act
E.T.P	Effluent Treatment Plant
G.I.D.C	Gujarat Industrial Development Corporation
G.P.C.B	Gujarat Pollution Control Board
HDPE	High Density Poly Ethylene
LDO	Light Diesel Oil
L	Liter
KL	Kilo Liter
Kg	Kilo Gram
N.A	Not Applicable
P.L.I	Public Liability Insurance Act
SPM	Suspended Particular Matter
DAF	Diffuse Air Flotation

Introduction

M/s. Anar Chemicals LLP is situated at Plot No: 12 & 14 GIDC Estate, Phase 1, Vatva, Ahmedabad - 382445. The unit is engaged in Manufacturing of Various Dyes and its intermediates with a capacity of 750 MT/Month from the year 1980 and very well known in the Dyes and its intermediates industry. The company has obtained requisite permissions for the same from Gujarat Pollution Control Board.

As in Gujarat State, the GPCB has implemented Environment Audit Scheme as per the order of The Hon'ble High Court of Gujarat vide its order Dt. 20/12/96 in (Misc. Civil Application no 1863 of 1995 with Misc. Civil Application No. 1967 with Misc. Civil Application no 93 of 1995 and its order Dt. 13/3/97) special application no 770 of 1995 and as per the classification of industries category in schedule I and schedule II of this scheme, **M/s Anar Chemicals LLP** falls under list of schedule II category.

ENVIRONMENT AUDIT REPORT FOR APRIL 2023 TO MARCH 2024 OF
M/S ANAR CHEMICALS LLP

**ENVIRONMENT AUDIT REPORT
TO BE SUBMITTED TO
GUJARAT POLLUTION CONTROL BOARD
Format for the Environment Audit
(Period from April 2023 to March 2024)**

A GENERAL:		
1.	Name of the Industry	M/s Anar Chemicals LLP
2.	Location	Plot Nos: 12 & 14 GIDC Estate, Phase 1, Vatva, Ahmedabad - 382445
3.	Registered Office Address	Chitrokoot, Opp C. N. Vidyalaya, B/H Shakuntal Complex, Ambawadi, Ahmedabad - 380006
4.	Month & Year of Establishment	December 1979
5.	No. of Workers Employed Male/Female	Total: 66 Male: 63 /Female: 03
6.	No. of Electrical Connections with service Numbers	No of Connection: One Service Number: 8000403 Electricity Bill is attached herewith. Please Refer Annexure - 19
	Total Connected Load:	300 KW
	Electrical Consumption Per ton of Product Manufactured	Electrical consumption is 1174.7 kWh Per MT of Product Manufactured. Details of Electrical Consumption is Attached herewith. Please Refer Annexure - 1
	Percentage enhancement in energy:	During current year 24.63 % Enhancement as compare to previous audit year.
	Saving as compared to previous year:	No
7.	No. of D. G. sets & their Capacity	1 no. DG Set, 250 KVA Capacity as stand by
8.	Name/Residential Address of all Directors/Partners	Please Refer Annexure - 2
9.	Tele Nos.: Residential, Industrial, Fax No., E-mail of Industry E-mail of Partners/ Directors	
10.	No. of Shifts & Timings	1 st Shift: 8 AM to 4 PM 2 nd Shift: 4 PM to 12 PM 3 rd Shift: 12 PM to 8 AM General Shift: 9 AM to 5:30 PM
11.	Name and address of the in charge of Environment/Safety Division/Cell/Unit	Mr. Nainesh Parikh/ Kalpesh Sura
12.	No. of Days During which production activities were in operation during the period covered for it. (For Audit)	305 Days

ENVIRONMENT AUDIT REPORT FOR APRIL 2023 TO MARCH 2024 OF
M/S ANAR CHEMICALS LLP

3.	The particulars of the effluent treatment plant (Attached separate Sheets)	Please Refer Annexure - 8
	Name & size of the ETP	
	The Capacity of the ETP	
	ETP scheme	
	Flow diagram and hydraulic diagram of ETP to be Submitted	
	Whether lighting arrangement around ETP is provided	Yes, adequate lighting arrangement is Provided in surrounding area of ETP
	Whether the separate energy meter is installed for Effluent Treatment Plant. If yes, Provided reading of the meter for consumption every month	Yes, separate Energy meter is installed for Effluent Treatment Plant and records are maintained. Please Refer Annexure - 1
	Whether flow meter is provided at the inlet & Outlet of ETP Please indicate the type of Flow meter.	Yes, Unit has installed Magnetic flow meter at the Outlet of ETP to CETP and Bore
4.	The method of Disposal of Effluent & the Final Point of Disposal of Effluent (Please Attach Sketch)	Treated wastewater is discharged into CETP
5.	The Quality of Trade Effluent at the inlet and outlet of ETP and at various stage of treatment (Attached separate Sheet)	The Analysis Report of Wastewater is attached here as Annexure. Please Refer Annexure - 9
6.	The quantity and quality of Sewage and its method of treatment and disposal (Attach separate Sheet) a) As Per Norms b) Total Pollution Load	Sewage generated is collected in Septic tank and transferred into Aeration Tank in secondary treatment for bacterial growth purpose in ETP. Please Refer Annexure - 7
7.	The open area Available for Disposal of the Effluent	No on land disposal of wastewater found during Audit inspection because treated effluent is partially reused in process & remaining quantity is evaporated. The Analysis report of wastewater is attached here as Annexure. Please Refer Annexure - 9
8.	Whether the Quality of treated effluents meets the Specified Norms. If no: the extent of deviation and reasons thereof.	On Performance evaluation of effluent management system no such improvement in effluent quality & quantity since Previous environment audit. The Analysis report of wastewater is attached here as Annexure. Please Refer Annexure - 9
9.	Improvement in the effluent quality and quantity since previous environmental audit based on performance evaluation of management system. If yes, provide details (Attached Separate sheets)	
10	Retrofitting under taken to improve performance of	No retrofitting activities was undertaken

ENVIRONMENT AUDIT REPORT FOR APRIL 2023 TO MARCH 2024 OF
M/S ANAR CHEMICALS LLP

	ETP, If yes, Provide details.	during this audit period.
11	Major Problems encountered during operation of effluent treatment facilities, if any and reasons thereof.	No major problems encountered during audit inspection but unit has informed that sometimes high COD load disturbed primary and secondary treatment and result to that COD values found marginally higher than CETP inlet norms.
12	The Details about the operator/ Chemist responsible for operation & maintenance of Effluent Treatment Plant : - Name of Operator/ Employees - Qualifications & Experience of Each Operator/Employee - Salary of Operators/Employees	Details about the operator/ Chemist responsible for operation & maintenance of Effluent Treatment Plant are attached herewith. Please Refer Annexure - 10
13	The Current Status of Consent Under the Water Act 1974	CCA No. : AWH – 109866 Dated - 21/10/2020 and CCA amendment AWH – 120228 Dated- 13/10/2022 and Valid Up to 31/03/2024. They have applied to obtain renewal of existing CC&A vide application inward number 307990 Please Refer Annexure – 28 & 29
D AIR QUALITY:		
1.	No. of the fuel gas Stacks, their height (From Ground Level) Nature and Consumption of Fuel.	Please Refer Annexure – 11 & 12
2.	The details Pertaining to the stack Monitoring Facilities	Sampling platform, Sampling porthole and ladder etc. provided at stack.
3.	No. of Process Stacks, their Height (From ground Level) Source, Expected Pollutants & Details Pertaining to Provision of Stack Monitoring Facilities	Please Refer Annexure - 11
4.	The Quality of emission from each flue gas stack & process stack & the extent of deviation from them	The Analysis Report of Flue Gas Stack Emission is attached here as Annexure. Please Refer Annexure - 13
5.	The Ambient Air Quality Within the Factory premises, along with the number of Ambient Air Quality Monitoring Stations outside the Industry.	No sample was collected as per new guidelines issued by Gujarat Pollution Control Board regarding Environment Audit Scheme.
6.	The Current Status of Consent Under the Air Act – 1981	CCA No. : AWH – 109866 Dated - 21/10/2020 and CCA amendment AWH – 120228 Dated- 13/10/2022 and Valid Up to 31/03/2024. They have applied to obtain renewal of existing CC&A vide application inward number 307990 Please Refer Annexure – 28 & 29

ENVIRONMENT AUDIT REPORT FOR APRIL 2023 TO MARCH 2024 OF
M/S ANAR CHEMICALS LLP

7.	The details of Air Pollution Control Measures of all process & Fuel gas Stacks.	Please Refer Annexure - 11
8.	Improvement in emission quality since previous environmental audit based on performance evaluation of air pollution management system. If yes, provide details. (Attached separate Sheets)	On Performance evaluation of air pollution management system no significant improvement is observed in emission quality since previous environment audit. However the air pollution parameters are well within the norms. Please Refer Annexure - 13
9.	Retrofitting undertaken to improve emission quality. If yes, provide details.	No retrofitting activities was undertaken during this audit period
10	Major Problems encountered during operation of control device, if any and reasons thereof.	No major problems encountered during operation of control device in this audit year.
E HAZARDOUS (SOLID) WASTE:		
1.	The Quantity Source & Composition of Hazardous Waste/Solid Waste from each Process. Sources over the last three years. (Total sludge generation per ton of product) – Whether it is as per the Consented quantity.	The quantity & source of hazardous waste from each process over last 3 year is given in Annexure - 14
2.	a) The method of storage, treatment & disposal of hazardous/Solid waste. The details should include area of storage & disposal and whether storage and disposal system is covered made impervious (pucca). The quantity of hazardous waste sent to TSDF. Please also indicate how the quantity of hazardous/solid shall be reduced in next three months. b) The data/information about Leachate generation, quantity & characteristics and treatment facility.	The solid waste generated from ETP is packed in plastic bags & stored on impervious platform under the roof. Leachate collection system has been provided. Details of Hazardous Waste Generation & Disposal are given in Annexure – 14 . No sample was collected as per new guidelines issued by Gujarat Pollution Control Board regarding Environment Audit Scheme.
3.	The Status of Authorization Under the EPA -1986 for Solid waste	CCA No. : AWH – 109866 Dated - 21/10/2020 and CCA amendment AWH – 120228 Dated- 13/10/2022 and Valid Up to 31/03/2024. They have applied to obtain renewal of existing CC&A vide application inward number 307990. Please Refer Annexure – 28 & 29
4.	Plan, if any to reduce hazardous waste Generation or its recycling.	Industry has taken efforts to reduce generation of hazardous waste at source by their R&D department
F SITE PLAN:		
1.	The site plan Showing the location of Effluent Treatment Plants, Final Point of Disposal of Effluent,	Please Refer Annexure - 16

ENVIRONMENT AUDIT REPORT FOR APRIL 2023 TO MARCH 2024 OF
M/S ANAR CHEMICALS LLP

	Sampling Point, Drainage line, Stacks; Disposal Area & Green Belt (Its Width)			
G DETAILS OF RESOURCE RECOVERY				
1.	The details regarding resource recovery from Environmental Pollution Control System Including Effluent Treatment Plant.	Treated effluent is reused in ETP and also process like scrubbing system, reactor washing, Road washing etc.		
2.	The details regarding resource recovery/By Product Recovery from Manufacturing Process by using Cleaner Production Technology.	None		
H HEALTH				
1.	Whether any Hazard is involved in the Manufacturing or from the work Environment. If yes, details thereof.	Yes, some raw materials are utilized in production which cause hazard. Fire & Health Hazard are also involved in the process.		
2.	Whether industry has pre- employment & periodical Medical Examination Facilities: Yes/No if yes, provide details thereof.	Yes, periodical medical checkup is done for all the employees at regular interval.		
3.	Whether health records are maintained regarding adverse effect on the health of Workers. Yes/No, if yes; details thereof.	Yes, Industry has been maintaining the health records. Please Refer Annexure - 23		
4.	Whether industry has appointed a factory Medical Officer. Yes/No. If yes; full time or part time. Please, also include the details about. The Name, Address and Qualification of the Factory Medical officer.	Name: Dr. Chetan Mehta Address: Maninagar		
5.	Details of Medical Facilities available.	First Aid Box available with Cotton, antiseptic Creams, Painkiller tablets and burn spray at plant site.		
6.	Whether Sanitary Facilities like Latrine, Urinals and Bathrooms are provided and satisfactory provided.	Yes, Adequate facility is provided.		
I ACCIDENTS				
1.	The details of Accidents in the factory & remedial measures taken no major accidents have been reported to the Auditor:	Unit has informed that there was one incident of Fire in Godown occurred on dated 23/09/23. Please Refer Annexure - 26		
J SAFETY MESURE:				
	General Environment of the Factory: Pls. tick (✓) or write to specify the Appropriate Column.			
1.	House Keeping	Good ✓	Fair	Poor
	Dusting	High	Medium ✓	Low
	Lighting	Good ✓	Fair	Poor
	Ventilation	Good ✓	Fair	Poor
2.	Whether the following Protective Appliance are provided to all the persons:			
	Goggles	Yes	As per requirement	

ENVIRONMENT AUDIT REPORT FOR APRIL 2023 TO MARCH 2024 OF
M/S ANAR CHEMICALS LLP

	Gloves	Yes	As per requirement
	Gumboot/Shoes	Yes	As per requirement
	Helmet with face Shield	Yes	As per requirement
	Skin Cream	Yes	As per requirement
	Soap	Yes	As per requirement
	Ear Plugs	Yes	As per requirement
	Face Masks	Yes	As per requirement
	Clothing	Yes	As per requirement
3.	The details of Facilities for Disaster Management/Gas Leakage.	There are Fire Extinguishers available to combat any contingency related to Fire Hazards. Detailed Onsite Emergency Plan is Prepared and Implemented by the Unit.	
4.	Weather Onsite/Off site Emergency Plans are prepared and are being Implement Upgraded Regularly, Please Give Details.	The industry have prepared onsite emergency plans and the same is implemented and upgraded regularly by the industry. Please Refer Annexure - 22	
5.	Whether records of Occupational hazards are maintained?	Industry has appointed medical officer	
6.	Preventive Measures adopted to Minimize occupational hazard.	The required PPEs are provided to the workers minimize the occupational hazards.	
K REMEDIAL MEASURES			
1.	The Details of Sources; Monitoring & Measures taken for Control Noise pollution in & around the industrial Premises.	Please Refer Annexure - 15	
2.	The measures taken for prevention treatment & Control of odor nuisance in & around the industrial Premises.	No odor nuisance is found in and around the industrial Premises	
3.	The details in respect of cases/ complaints under the Water Act -1974, the Air Act -1981, & the EPA – 1986.	No case or complain had been filed against the industry under the water act 1981 and EPA 1986 as per the information made available to us during current audit period.	
4.	The Compliance report with respect to all conditions of NOC/Consent (Under all Acts)	Please Refer Annexure - 29	
5.	Incidents of Spillages, leakages etc. and remedial measures thereof.	No Spillage and Leakage was observed during the Environment audit period.	
6.	Whether insurance policy obtained under PLI Act. Yes/No If yes, provide details.	The unit has submitted policy. Please Refer Annexure - 25	
L WATER CESS			
1.	The details regarding payment of the Water Cess for the Previous & Current year	Not Applicable as the Water Cess Act is abolished since July, 2017.	
M CONSULTANT			
The Name and address of the consultant engaged by the Company/Industry.		Chokhavatia Associates	

N DECLARATION OF AUDIT TEAM:

It is here by declared that all the information submitted in and with respect to this format is correct and we will be responsible for any lapse regarding Incorrect or Incomplete information.

(A) Name & Signature of the Responsible Persons of the Industry/ Organization/ Institute/ CETP/ TSDF with the Stamp.

Sr. No.	Name & Designation	Signature
1.	Mr. Nainesh R. Parikh (QA Manager)	

(B) Name & Signature of all the Member of Audit Team

Sr. No.	Name	Signature
1.	Mr. Pratik Nayak (M.Tech. Environment)	
2.	Mr. Sagar Savaliya (B.E. Chemical)	
3.	Mr. Kushan Shah (M.Sc. Biotechnology)	
4.	Ms. Priyanshi Nayak (M.Sc. Environment)	

Executive Summary

M/s. Anar Chemicals LLP is situated at Plot No: 12 & 14 GIDC Estate, Phase 1, Vatva, Ahmedabad – 382445 and engaged in the manufacturing of Various types of Dyes & its Intermediate. The unit has obtained valid consolidated consent and authorization from Gujarat Pollution Control Board vide CCA No. : AWH – 109866 Dated - 21/10/2020 and CCA amendment AWH – 120228 Dated- 13/10/2022 and Valid Up to 31/03/2024. They have applied to obtain renewal of existing CC&A vide application inward number 307990. The Environmental audit of this industry has been carried out by Satva Environ Consultancy, Ahmedabad for the period extending from April - 2023 to March - 2024. The audit report is prepared based on the data and facts provided by the unit for the audit period mentioned above. The inspection of the Plant and Sampling of Effluent, gaseous emission and noise were conducted by audit team during the period of April 2023 to March 2024 as per the guidelines issued by Gujarat Pollution Control Board. The analysis reports are attached with this report.

PRODUCT:

The industry is involved in Manufacturing of Various types of Dyes & its Intermediate. The Quantity of production carried out during current audit period and previous audit period is given below,

Sr. No.	Product	Consent Granted	Quantity, MT		% Deviation Compared to Previous Audit
			Previous Year	Current Year	
1.	Naphthols	15 MT/Month	108.01 MT/Month	9.13 MT/Month	- 1.35
2.	Metal Phthalocyanines and its derivatives	15 MT/Month		2.34 MT/Month	
3.	Intermediates	03 MT/Month		-	
4.	R&D Products	01 MT/Month		0.034 MT/Month	
5.	Dyes (Direct, Acid their powder, Liquid Solvent dyes)	157.44 MT/Month		95.05 MT/Month	
6.	Ice	750 MT/Month		-	

After summation of all products, the average production during this Audit Period is found lower than the previous Audit period and it is found well within consented quantity mentioned in its CC&A.

RAW MATERIAL CONSUMPTION:

The Quantity of Raw Material Consumed during current audit period and previous audit period is given below,

Raw Material	Quantity in kg		% Deviation Compared to Previous Audit
	Previous Year	Current Year	
(INTER) EHBN ANAR	56357	111479	+ 97.81
(INTER) EHBN DOW	1098	10521	+ 858.20
(INTER) EHBN NEAT	-	2298	+ 100
(INTER) HBN XYLENE ANAR	5646	6240	+ 10.52
(INTER) HBN DOW	62348	124803	+ 100.17
(INTER) HBN HX ANAR	117888	215090	+ 82.45
(INTER) HBN TOLUENE	1543	3150	+ 104.15
(INTER) MIXED TOLUDINE	56764	106981	+ 88.47
(SEMI) BLUE DYE HF-1 DOW	-	3551	+ 100
(SEMI) RED DYE 1	40787	29944	- 26.58
(SEMI) RED HF-2 (DOW) AUTOMATE RED IKHF	3217	1606	- 50.08
(SEMI) SOLVENT ORANGE 98 (H-38)	-	4363	+ 100
(SEMI) SOLVENT RED 164 (H-38)	-	5169	+ 100
(SEMI) YELLOW HF 1 DOW	-	1272	+ 100
(SEMI)SOLVENT RED - 164 (XY)	-	3700	+ 100
2 ETHYL HEXANOL / OCTANOL	2208	1752	- 20.65
2 ETHYL HEXYL AMINE	75380	58031	- 23.02
2 PHENOXY ETHANOL	4	64	+ 1500.00
2.6 DIETHYL ANILINE	40	602	+ 1405.00
3 METHOXY PROPYL AMINE	15	764	+ 4993.33
3-(2-ETHYLHEXYLOXY) PROPYLAMINE (2-EHOPA)	50	213	+ 326.00
3-METHYL-1-PHENYL-5-PYRAZOLONE-D	1244	2714	+ 118.17
4 CHLORO 2.5DIMETHOXY ANILINE	325	326	+ 0.31
ACETIC ACID	2	319	+ 15850
AMMONIUM MOLYBDATE	366	311	- 15.03
ANAR BST 4	12925	59400	+ 359.57
ANAR ICE	2668871	3130522	+ 17.30
ANAR OPL 3	8681	26408	+ 204.20
ANAR SV-3	-	34	+ 100
ANAR YG 3	13315	17825	33.87
ANILINE OIL	15128	29041	91.97
A-Y-42	-	2745	+ 100
A-Y-43	-	190	+ 100
A-Y-44	-	183	+ 100

ENVIRONMENT AUDIT REPORT FOR APRIL 2023 TO MARCH 2024 OF
M/S ANAR CHEMICALS LLP

BON ACID (IMP)	18000	33950	+ 88.61
BON ACID (LOCAL)	92170	38348	- 58.39
BUTYL DIGLYCOL /BUTYL CARBITOL	-	5810	+ 100
CAUSTIC POTASH	17666	5501	- 68.86
CAUSTIC SODA LYE(AS IS)	135089	169228	+ 25.27
DDBSA	498	452	- 9.24
DMF(RAW MATERIAL)	266	102	- 61.65
EDTA (DI.SODIUM SALT)	1430	896	- 37.34
FAST RED R BASE	72794	56977	- 21.73
FERRIC CHLORIDE ANH	11200	10975	- 2.01
HCL (HYDRO CHLORIC ACID) S.P.	325430	504438	+ 55.01
HF - A 150 ND	162057	17856	- 88.98
HF- A 150 (GAROSOL 150 ND)	108950	281010	+ 157.93
HF-A 150	-	12315	+ 100
HYDROCAL 38-D	20754	10456	- 49.62
HYDROCAL 45-D	3277	3319	+ 1.28
ICE	680812	719320	+ 5.66
ISO PROPYL ALCOHOL	90	470	+ 422.22
ISO PROPYL MYRISTATE	280	6087	+ 2073.93
LEUCO QUINIZARINE	1500	500	- 66.67
LEUCO QUINIZARINE 96% (ADV)	11500	12500	+ 8.70
LEUCO QUINIZARINE 96% (IMP)	10058	6420	- 36.17
LIQUOR AMMONIA (RAW MATERIAL)	3686	7193	+ 95.14
MATCROP HX 469	362	1555	+ 329.56
METHANOL	1216	1033	- 15.05
MIX XYLIDINE (IMP)	288	240	- 16.67
MIX XYLIDINE (LOCAL)	211	0	- 100.00
MIX XYLIDINE-D	-	1058	+ 100
MIX-XYLENE	33267	37366	+ 12.32
MMA (MONO METHYLAMINE)	11360	9536	- 16.06
MPRL AROSOL 200 ULND	-	8069	+ 100
MPRL LUBEOL - 38	-	25205	+ 100
N PENTYL AMINE (MAA-LOCAL)	10772	4998	- 53.60
N-BUTYL AMINE (ADV)	2931	1788	- 39.00
N-BUTYL AMINE (IMP)	-	8250	+ 100
NONYL PHENOL	61640	68854	+ 11.70
PCL3 (PHOSPH.TRI CHLORIDE)	31894	21166	- 33.64
PHTHALIC ANHYDRIDE	46400	38500	- 17.03
PURE SALT	76902	143129	+ 86.12
PURIFIED METHANOL	-	1229	+ 100
PURIFIED METHANOL(IN HOUSE)	-	1721	+ 100
PURIFIED MIX XYLENE	14454	16314	12.87

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M/S ANAR CHEMICALS LLP

PURIFIED TOLUENE	-	106	+ 100
QUINIZARINE (98%) (IMP)	18792	6132	- 67.37
QUINIZARINE 96%	3000	10500	+ 250.00
QUINIZARINE 96%(ADV)	27000	36283	+ 34.38
QUINIZARINE 96% (IMP)	41062	21012	- 48.83
RECOVER AMINE	3753	2710	- 27.79
RECOVER HF - A 150 SR19E	3355	11335	+ 237.85
RECOVER HF-A-150 OF RED 164HF	-	20178	+ 100
RECOVER METHANOL ASCL-SP	-	2128	+ 100
RECOVER METHANOL OF BLUE MX	-	1327	+ 100
RECOVER MIX XYLENE AS LC	-	100	+ 100
RECOVER MIX XYLENE OF ASCL	3000	1600	- 46.67
RECOVER MIX XYLENE OF SRDYE1DOW	1510	400	- 73.51
RECOVER MONOCHLORO BENZEN (MCB)	14820	4720	- 68.15
RECOVER NITROBENZINE	12550	9900	- 21.12
RESORCINOL	2619	3430	+ 30.97
SODA ASH	44537	32785	- 26.39
SODIUM FORMATE	47630	88947	+ 86.75
SODIUM HYDROSULPHITE (HYDRO)	1060	693	- 34.62
SODIUM NITRITE	26631	133283	+ 400.48
SODIUM NITRITE (IMP)	13537	11463	- 15.32
SULPHAMIC ACID	1527	2795	+ 83.04
SULPHURIC ACID	44094	38472	- 12.75
T.G.UREA	69492	56930	- 18.08
TOLUENE	7330	5690	- 22.37
TRO (TURKEY RED OIL)	2112	2729	+ 29.21
UNIAROM TX 200 IF-D (IMP)	46702	7818	- 83.26

The raw materials consumption during this Audit Period is increase comparing with previous Audit period. This unit is manufacturing Various Dyes and Intermediates products so factual data for product wise raw material consumption is not feasible to calculate.

RESOURCE CONSUMPTION:

The quantity of resources (i.e. Power, Water & Fuel) consumed during current audit period and previous audit period is given below:

Sr. No.	Resources	Consumption Per Day		% Deviation Compared to Previous Audit
		Previous Year	Current Year	
1.	Electric Consumption, kWh	4733.3	5899.04	+ 24.63
2.	Fresh Water, kL	192.09	222.63	+ 15.90
3.	White Coal, MT	3.85	4.095	+ 6.37

4.	Diesel, Lit	-	1.25	-
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- The total Power consumption from Torrent power per day during current audit period seems higher in compare to previous audit period.
- The total fresh water Consumption per day during current audit period seems higher in compare to previous audit period.
- The total quantity of White Coal consumption per day seems higher in compare to previous audit period.

WASTEWATER MANAGEMENT SYSTEM:

The quantity of Wastewater Generation during Current Audit Period and Pervious Audit Period is given below,

Consent Granted for Generation kL/Day	Wastewater Generation, kL/Day		% Deviation Compared to Previous Year
	Previous Year	Current Year	
278.4	175.08	217.84	+ 24.42

- During current audit period the average wastewater generation 217.84 kLD, where effluent is partially sent to Common MEE and partially sent to CETP after achieving norms prescribed in consent order.
- The treated in effluent treatment plant comprising of primary and secondary treatment facility.
- The industrial waste water generation during current audit period is higher in compare to previous audit period.
- Sewage generated shall be discharged through septic tank/soak pit but unit is collected this sewage in Septic tank and transferred into Aeration Tank in secondary treatment for bacterial growth in secondary treatment units of ETP.
- The major source of waste water generation is from process & Cooling. The waste water generated is alkaline in nature and it is treated in effluent treatment plant provided within premises, consisting of primary and secondary treatment units.
- The industry has provided filter press for de watering of Sludge.
- The untreated sample and treated water sample were collected by audit team in three rounds of audit as per mentioned in the Environment Audit scheme and it shows that all the parameters mentioned in Consolidated Consent & Authorization are well within emission norms except TDS recognized by GPCB.

AIR POLLUTION:

- The unit has installed Steam Boiler (03 TPH) and Thermic fluid Heater (600 U) with APCM of Multi cyclone separator with adequate Stack Monitoring Facilities. Unit has also obtained CC&A for gas fired boiler.
- From manufacturing Process and other ancillary operations there are two process gas stack namely Reaction Vessel - 1 attached with two stage Water Scrubber followed by Alkali scrubber as air pollution control measures and Reaction Vessel – 2 attached with three stage water scrubber followed by acid dipping tank as air pollution control measures.
- The industry uses white coal and Diesel as fuel.
- The flue gas Stack emission monitoring was carried out by audit team in three rounds of audit as per mentioned in the Environment Audit Scheme and it shows that all the parameters i.e. PM, SO₂, NO_x are well within emission norms recognized by GPCB in Consolidated Consent & Authorization.
- No Ambient Air Quality Monitoring was carried out as per new guidelines issued by Gujarat Pollution Control Board regarding Environment Audit Scheme.

HAZARDOUS WASTE MANAGEMENT SYSTEM:

Sr. No.	Type of Hazardous Waste	Consent Granted	Hazardous Waste Disposal
1.	Discarded Containers Liners	600 Nos./Year 2000 Nos./Year	2944 Nos./Year 1.36 MT/year
2.	ETP Waste	400 MT/Year	295.51 MT/Year
3.	Used Oil	0.04 MT/ Year	0.28 MT/ Year
4.	Inorganic Acid (Spent Sulfuric Acid)	912 MT/Year	-
5.	Oil & Grease	05 MT/Year	-
6.	Solvent Residue	10 MT/Year	34.95 MT/Year

- The sludge generated from ETP is Stored in Separate storage area having impervious floor, covered with roof.
- During the current Audit period 295.51 MT/Year ETP Sludge disposed to TSDF site Ecocare Infrastructure Pvt. Ltd., which is well within the consented quantity.

- Discarded Containers /Liners are sold to GPCB approved Decontaminators which is higher than the consented quantity.
- The Used oil is sold to refiners which is higher than the consented quantity.
- The Solvent Residue is sent to TSDF site which is higher than the consented quantity.
- As per the consent issued, Inorganic Acid and Oil & Grease is sent to TSDF Site.
- No sample was collected as per new guidelines issued by Gujarat Pollution Control Board regarding Environment Audit Scheme.

HEALTH AND SAFETY:

- The Industry has taken adequate measure for the Health and Safety of the workers. Various Personal Protective Equipment's and safety gadgets are provided to the workers.
- Unit has informed that one fire incident took place during audit period and no injury or fatality was reported due to this incident.

COMPLIANCE:

- The Industry has been granted Consolidated Consent & Authorization bearing Order No. CCA No. : CCA No. : AWH – 109866 Dated - 21/10/2020 and CCA amendment AWH – 120228 Dated- 13/10/2022 and Valid Up to 31/03/2024 under Water (Prevention & Control of pollution) Act – 1974, Under Air (Prevention & Control of pollution) Act – 1981 and Hazardous waste Rule 2016. They have applied to obtain renewal of existing CC&A vide application inward number 307990.
- During the Current Audit period, the production, water consumption as well as waste water generation, is well within the Consented Quantity.
- Unit has provided adequate/Sufficient Environment Management System to handle the pollution load generating during the current audit period.

AUDITOR'S COMMENTS

OBSERVATION:-

1. The unit holds valid Consolidated Consent & Authorization order CCA No. : AWH – 109866 Dated - 21/10/2020 and CCA amendment AWH – 120228 Dated- 13/10/2022 and Valid Up to 31/03/2024 under Water (Prevention & Control of pollution) Act – 1974, Under Air (Prevention & Control of pollution) Act – 1981 and Hazardous waste Rule 2016. They have applied to obtain renewal of existing CC&A vide application inward number 307990.
2. The Gujarat Pollution Control Board has issued direction under section 31-A under Air Act 1981 on dated 20.10.2023 based on inspection carried out on dated 24.09.2023 with reference to fire incident occurred.
3. The total production during current audit period is 127.63 MT/Month which is higher than the previous audit period, but it is well within the consented limit.
4. Unit has not taken the production of Intermediates during the current audit year.
5. Source of fresh water for domestic and industrial purpose is from Bore well
6. The unit has obtained NO OBJECTION CERTIFICATE (NOC) For Ground Water Abstraction, Application no. 21-4/7649/GJ/IND/2021 dated- 02/05/2022 and valid up to - 01/05/2025. The Ground Water Abstraction Permitted from Bore well is 360 m³/day or 126000 m³/year Fresh water.
7. Total fresh water consumption during audit period is @ 222.68 kLD, it is well within the consented limit.
8. Sewage generated shall be discharged through septic tank/soak pit but unit is collected this sewage in Septic tank and transferred into Aeration Tank in secondary treatment for bacterial growth in secondary treatment units of ETP and then disposed into CETP.
9. During current audit period total waste water generation is 217.84 kL/Day & is treated in effluent treatment plant comprising of primary, secondary & tertiary treatment facility. The treated 177.433 kL/Day effluent is sent to CETP and remaining 0.327 kL/Day effluent is sent to common MEE which is well within the consented limit.
10. The fuel consumed @ White Coal – 4.09 MT/Day during current audit period which is higher than the previous audit period but it is well within the consented limit and Diesel – 1.25 Lit/Month during current audit period.
11. Flue gas emission and ambient air quality within premises is under the limits specified in consent order.

12. The ETP Sludge generation during audit period is 295.51 MT/Year, which is well within the consented quantity.
13. Electric consumption during current audit period is 5899 kWh/Day, which is higher than the previous audit period.
14. Unit is maintaining the log book for water consumption, waste water generation, fuel, electric consumption and Sludge generation.
15. Noise monitoring was also carried out during current audit period to check the noise level within plant premises and it is also found well within the limits stated in the CCA order.
16. One Fire accident was reported during the current audit period and as far as details provided by the unit itself to us, no any case/ complaint has been registered against the unit under any of the said acts.
17. The green belt is observed in the premises it is suggested to maintain the same.

SUGGESTIONS:

1. Unit is suggested to comply with direction issued under section 31-A of Air Act 1981 by Gujarat Pollution Control Board and inform the board before utilization of Godown 301 & 304 for chemical storage.
2. Unit is suggested to obtain amendment in existing CC&A for installed boiler having capacity of 03 TPH with its fuel utilization, D.G. Set under Air Act 1981 and Quantity of Discarded Containers, Solvent Residue & Used Oil under Hazardous Management Rules 2016.
3. Unit is utilizing sewage in aeration tank instead of disposed to soak pit and it's consider as positive impact but unit is suggested to obtain amendment for the same in CC&A under Water Act 1974.
4. Unit is suggested to inform/obtain permission from Gujarat Pollution Control Board before carry out any changes within plant premises.
5. Unit is suggested to explore possibilities to strengthen Environment Management System within plant premises.

The Environmental Management System Adequacy Certificate

M/s Satva Environ Consultancy is recognized by the GPCB, Gandhinagar under the Environmental Audit Scheme introduced by the Hon'ble High Court Gujarat vide its orders dated 20/12/1996 & 13/03/1997 and modified vide order dated 16/09/1999 as an environmental auditor for the purpose of the auditing, having carried out Environmental audit of

Name of the Unit: M/s Anar Chemicals LLP

Location of the Unit: Plot No: 12 & 14 GIDC Estate, Phase 1, Vatva, Ahmedabad – 382445

Details of Production

Sr. No	Name of the Product	Capacity as per CC&A	Actual Production During Current Year
1.	Naphthols	15 MT/Month	9.13 MT/Month
2.	Metal Phthalocyanines and its derivatives	15 MT/Month	2.34 MT/Month
3.	Intermediates	03 MT/Month	-
4.	R&D Products	01 MT/Month	0.034 MT/Month
5.	Dyes (Direct, Acid their powder, Liquid Solvent dyes)	157.44 MT/Month	95.05 MT/Month
6.	Ice	750 MT/Month	-

Having completed the environmental audit based on personal monitoring, and audit report, prepared as per the direction of the Hon'ble High Court in Environmental Audit Scheme, it is certified that the Environmental Management System (EMS) provided by the industry for the products manufactured and capacity as stated above is adequate and efficient to achieve the quality of effluents (Air + Waste Water + Solid Waste) as specified in consent/ Notifications by GPCB, Gandhinagar for the following quantity of waste generation:

Liquid Effluent	- Industrial Effluent Generation is 177.76 kLD - Sewage Generation is 40.08 kLD
Solid/ Hazardous Waste Generation ETP Sludge:	295.51 MT/Year

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M/S ANAR CHEMICALS LLP

Discarded Containers:	2944 Nos./Year
Used Oil:	0.28 MT/ Year
Inorganic Acid:	-
Oil & Grease:	-
Solvent Residue:	34.95 MT/Year
Air Emission (Flue Gas Stacks as well as Process Stack)	Adequate & Efficacious to achieve norms
Note: Unit is suggested to apply and obtain permission for changes/modification made from Gujarat Pollution Control Board	

This certificate is valid for this audit report only. However, it is subject to automatic cancellation in case of any change in product profile/capacity, quality and quantity of effluent emission (Air + Waste Water + Solid/Hazardous) and efficiency of EMS equipment.

This Certificate forms part of environmental audit report.

Date:

SATVA ENVIRON CONSULTANCY
14/15, 1st Floor, Gopal Patel Estate
Nr. Foot Bridge, Opp. Baroda Ex. Way, C.T.M
Ahmedabad-380026

Sr. No.	Name	Signature
1.	Mr. Pratik Nayak (M.Tech. Environment)	
2.	Mr. Sagar Savaliya (B.E. Chemical)	
3.	Mr. Kushan Shah (M.Sc. Biotechnology)	
4.	Ms. Priyanshi Nayak (M.Sc. Environment)	

Certificate for Sampling & Analysis

This is to certify that the following samples of the emission (Air, Water, Wastewater, Solid and Hazardous Wastes) have been collected from M/s. Anar Chemicals LLP and analyzed as per the following details.

Sample Details		Sampling Location	Collected by	Sample collection	
				Date	Time
First Round					
Stack	Steam Boiler		SEC Team	12/08/2023	10:00
Process Stack	Reaction Vessel - 2			13/08/2023	10:45
	Reaction Vessel - 1			12/08/2023	11:15
Waste Water	Inlet of ETP				12:05
	Primary outlet of ETP				12:10
	Final Outlet of ETP				12:15
Noise	Please Refer Annexure-16				-
Second Round					
Process Stack	Reaction Vessel – 1		SEC Team	12/12/2023	10:15
Waste Water	Inlet of ETP				11:00
	Primary outlet of ETP				11:05
	Final Outlet of ETP				11:10
Noise	Please Refer Annexure-16				
Third Round					
Process Stack	Reaction Vessel - 2		SEC Team	04/03/2024	10:00
Waste Water	Inlet of ETP				10:45
	Primary outlet of ETP				10:50
	Final Outlet of ETP				10:55
Noise	Please Refer Annexure-16				
1	Parameters analyzed on site		pH, Temperature		
2	Parameters analyzed off site		As per analysis report attached separately		
3	Whether samples were preserved as per standard procedure for off-site analysis		Yes		
4	Parameters analyzed by auditors team		Yes		
5	Parameters analyzed by third party		No		
	• Name & address of the laboratory				
	• Whether the laboratory is classified under schedule –II of the GPCB				
6	Method Followed for analysis				
	Air Emission	Indian Standard (IS-5182 for Ambient & IS-11255 for Stack)			
	Water/ Waste Water	Standard Method by APHA 23 rd edi. & IS: 3025			

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M/S ANAR CHEMICALS LLP

	Solid Waste/ Hazardous Waste	IS: 2720 Part-2 & APHA 23 rd edi.
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This is to certify that our laboratory in which the analysis has been done is recognized under Schedule - II of GPCB.

Date:

SATVA ENVIRON CONSULTANCY
14/15, 1st Floor, Gopal Patel Estate
Nr. Foot Bridge, Opp. Baroda Ex. Way, C.T.M
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3.	Mr. Kushan Shah (M.Sc. Biotechnology)	
4.	Ms. Priyanshi Nayak (M.Sc. Environment)	

Annexure 1: Electrical Consumption Details

Sr. No.	Month	Power Consumption Production, kWh	Power Consumption at ETP, kWh	Power Consumption at APCM, kWh	Total Power Consumption, kWh
1	Apr-23	50051	18775	1994.8	87090
2	May-23	94378	21665	2111.6	148980
3	Jun-23	115805	23447	2264	179080
4	Jul-23	125012	29891	4104	186390
5	Aug-23	104776	24368	3609	157820
6	Sep-23	66641	18284	1754	117310
7	Oct-23	116390	28348	2299	182180
8	Nov-23	69261	29124	978	129350
9	Dec-23	115394	31542	2940	183660
10	Jan-24	89970	26025	690	137506
11	Feb-24	75783	24549	184	119830
12	Mar-24	110550	28781	552	170010
Total		1134011	304790	23480.4	1799206
Average Per Month		94500.92	25399.17	1956.70	149933.83
Average Per Day		3718.07	999.31	76.98	5899.04
Average Per MT of Product		740.39	199.00	15.33	1174.70

(Source by: M/s.Anar Chemicals LLP)

- Percentage Enhancement in Electric Consumption**

Resources	Quantity Per Day		% Deviation Compared to Previous Year
	Previous Year	Current Year	
Power From Torrent, kWh	4733.3	5899.04	+ 24.63

Annexure 2: Details of Directors

Sr. No.	Name	Post Held	Address
1.	Mr Ajaybhai N. Choksi	President	8, Sanjay Bungalow, Lallubhai Park, Near St. Xavier's college, Navrangpura, Ahmedabad
2.	Mr. Sanjaybhai N. Choksi		

Annexure 3: Number of Working Day

Sr. No.	Month	Number of Working Day
1	Apr-23	25
2	May-23	27
3	Jun-23	26
4	Jul-23	26
5	Aug-23	25
6	Sep-23	25
7	Oct-23	26
8	Nov-23	23
9	Dec-23	26
10	Jan-24	26
11	Feb-24	25
12	Mar-24	25
Total		305

(Source by: M/s Anar Chemicals LLP.)

Annexure 4: Monthly Production

Sr. No	Month	Dyes (Solvent & acid/direct dyes), MT	Metal Phthalocyanines and its derivatives, MT	Naphthols, MT	R&D Products for dyes, intermediates, metal Phthalocyanines and specialty chemical, MT
1	Apr-23	62.303	3.130	6.808	-
2	May-23	82.974	2.530	10.496	-
3	Jun-23	124.845	1.276	17.292	0.064
4	Jul-23	131.741	5.850	16.472	-
5	Aug-23	121.744	6.460	8.903	0.186
6	Sep-23	64.952	1.960	9.315	-
7	Oct-23	164.940	2.700	11.655	0.070
8	Nov-23	83.623	1.380	3.997	0.087
9	Dec-23	142.065	2.780	17.735	-
10	Jan-24	161.366	-	6.900	-
11	Feb-24	113.889	1.980	1.837	0.010
12	Mar-24	123.680	6.120	5.517	-
Total		1378.122	36.166	116.927	0.417
Average Per Month		114.84	3.01	9.74	0.035
Average Per Day		4.52	0.12	0.38	0.0014

(Source by: M/s. Anar Chemicals LLP)

Annexure 5: Raw Material Consumption

a) Raw Material Consumption for the Processing in kg

Sr. No.	Raw Material	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Total
1.	(INTER) EHBN ANAR	0	9280	6960	9280	10440	5800	16240	3480	12760	11600	11600	14039	111479
2.	(INTER) EHBN DOW	0	0	0	0	0	0	7036	0	3485	0	0	0	10521
3.	(INTER) EHBN NEAT	0	764	382	1146	0	0	0	0	0	0	0	6	2298
4.	(INTER) HBN XYLENE ANAR	0	0	0	0	0	0	0	0	4160	2080	0	0	6240
5.	(INTER) HBN DOW	0	0	18723	6240	10400	18720	2080	20800	14560	6240	6240	20800	124803
6.	(INTER) HBN HX ANAR	5820	21340	5820	15520	28850	3880	32980	0	21340	34920	17460	27160	215090
7.	(INTER) HBN TOLUENE	0	861	1428	0	0	0	0	0	861	0	0	0	3150
8.	(INTER) MIXED TOLUDINE	1838	6738	7756	6738	12250	6738	11025	6125	12863	12863	7350	14700	106981
9.	(SEMI) BLUE DYE HF-1 DOW	0	0	3551	0	0	0	0	0	0	0	0	0	3551
10.	(SEMI) RED DYE 1	8600	0	0	3900	0	4200	4000	2400	0	0	6844	0	29944
11.	(SEMI) RED HF-2 (DOW) AUTOMATE RED IKHF	0	0	0	0	0	0	0	0	0	0	1606	0	1606
12.	(SEMI) SOLVENT ORANGE 98 (H-38)	0	0	0	0	0	0	0	0	0	4363	0	0	4363
13.	(SEMI) SOLVENT RED 164 (H-38)	0	0	0	0	0	0	0	0	0	5169	0	0	5169
14.	(SEMI) YELLOW HF 1 DOW	0	0	1272	0	0	0	0	0	0	0	0	0	1272
15.	(SEMI) SOLVENT RED - 164 (XY)	0	0	0	0	0	0	0	0	3700	0	0	0	3700
16.	2 ETHYL HEXANOL / OCTANOL	140	80	190	450	350	90	97	0	60	25	175	95	1752
17.	2 ETHYL HEXYL AMINE	2850	7023	9540	8050	3800	3700	4700	3320	3418	6980	950	3700	58031
18.	2 PHENOXY ETHANOL	0	32	0	0	0	0	0	0	32	0	0	0	64
19.	2,6 DIETHYL ANILINE	0	302	0	0	0	0	0	0	300	0	0	0	602
20.	3 METHOXY PROPYL	0	128	0	319	0	0	0	0	0	317	0	0	764

M/S ANAR CHEMICALS LLP

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91.	RECOVER NITROBENZINE	600	400	1200	2200	1400	600	800	200	400	0	800	1300	9900
92.	RESORCINOL	0	0	356	0	1148	254	0	7	522	382	761	0	3430
93.	SODA ASH	1050	3040	4498	4320	3331	3120	2230	1611	4868	1675	1601	1441	32785
94.	SODIUM FORMATE	1517	5878	6405	5563	10115	5563	9104	5058	10430	11127	6069	12118	88947
95.	SODIUM HYDROSULPHITE (HYDRO)	28	76	96	108	41	68	56	40	100	28	12	40	693
96.	SODIUM NITRITE	0	1110	10248	10773	15638	8680	15379	7852	16438	17476	12919	16770	133283
97.	SODIUM NITRITE (IMP)	3925	7484	54	0	0	0	0	0	0	0	0	0	11463
98.	SULPHAMIC ACID	0	226	163	236	334	157	353	75	279	280	380	312	2795
99.	SULPHURIC ACID	2800	1372	2800	7700	5600	2100	3500	0	2100	0	3500	7000	38472
100.	T.G.UREA	3105	2070	6210	11390	7245	3105	4140	1035	2070	0	7245	9315	56930
101.	TOLUENE	0	300	885	2194	0	0	0	0	795	0	0	1516	5690
102.	TRO (TURKEY RED OIL)	179	118	145	322	223	216	378	166	285	270	296	132	2729
103.	UNIAROM TX 200 IF-D (IMP)	0	0	6184	1634	0	0	0	0	0	0	0	0	7818

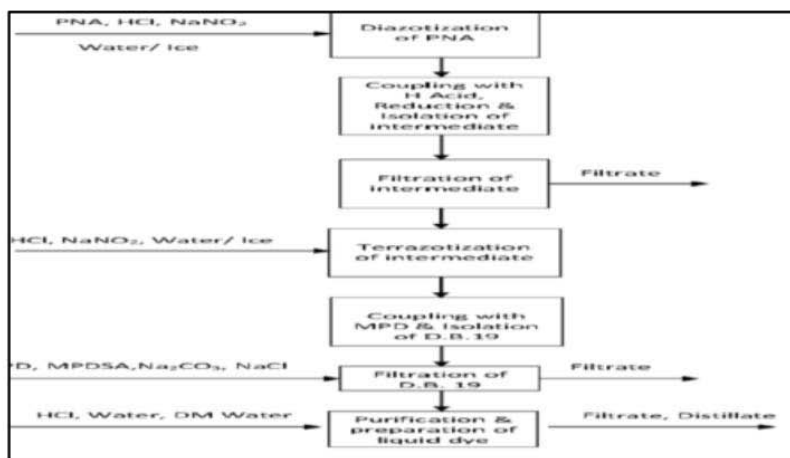
(Source by: M/s Anar Chemicals LLP.)

b) Chemical Consumption at ETP

Sr. No.	Month	Lime, MT	Alum, MT	Polyelectrolyte MT	Urea, MT	Phosphoric Acid, MT
1	Apr-23	6750	1845	10	90	6
2	May-23	7500	3015	14	10	8
3	Jun-23	1925	4380	18	-	12
4	Jul-23	11500	4590	17	-	9
5	Aug-23	11600	3450	13	20	9
6	Sep-23	8250	2760	11	35	8
7	Oct-23	10410	3667	16	40	31
8	Nov-23	5320	2280	9	55	41
9	Dec-23	11110	3530	16	115	47
10	Jan-24	5950	2205	11	45	48
11	Feb-24	10150	3110	10	168	28
12	Mar-24	8100	4300	13	-	31
Total		98565	39132	158	578	278
Average Per Month		8213.750	3261.000	13.167	48.167	23.167
Average Per Day		323.164	128.302	0.518	1.895	0.911

(Source by: M/s. Anar Chemicals LLP)

Annexure 6: Manufacturing Process



Stage 2: Preparation of Direct Black - 19:

Intermediate (wet cake)	375	Wet cake	525
NaNO ₂	45		
HCl	62	Mother liquor to ETP	
MPDSA	99	Product loss in wet cake	14
NaCl	1950	NaCl in Mother Liquor	1961
Na ₂ CO ₃	150	Water in Mother Liquor	6181
Water+ Ice	6000		
Total	8681	Total	8681

Stage 3: Preparation of TBA adduct:

D.B.19 wet cake	525	Wet cake	437
HCl	26	Mother Liquor to ETP	
Tti n- butyl amine	132	TBA in Mother Liquor + wash	82
Water	1000	NaCl in Mother Liquor + wash	14
DM water for wash	900	Water	2050
Total	2583	Total	2583

Stage 4: Preparation of Liquid dye:

TBA adduct wet cake	437	Final Product	
DM water	1000	Direct Black-19 Liquid dye	1000
Di ethanol amine	88	To ETP	
		Distillate	525
Total	1525	Total	1525

Source: Anar Chemicals LLP

B. Solvent Dyes

Manufacturing Process:

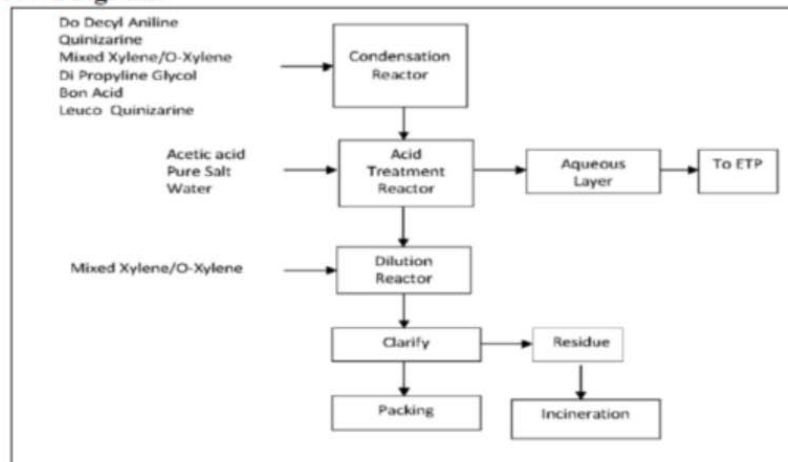
Manufacturing of Solvent Dyes is a dry process. The raw materials as per the required product are taken in to the vessel stage wise. After the condensation reaction is over, aqueous phase is separated and solvent is added in required quantity to the vessel. Then stirred to make homogeneous. This finished liquor dye is taken for packing.

2. Solvent Green 33

Chemical Reaction:



Process Flow Diagram:



Mass Balance:

Input	Quantity, kg	Output	Quantity, kg
Quinazirine	212	Solvent Green 33	1000
DDA	505	To ETP	
Dipropylene Glycol	50	Quinazirine	2
Boric Acid	53	Dipropylene Glycol	50
Pure Salt	54	Boric Acid	53
Water	9000	Pure Salt	54
Xylene	316	Water	9000
		Water	30
Total	10190	Total	10190

Source: Anar Chemicals LLP

3.Solvent Blue 79

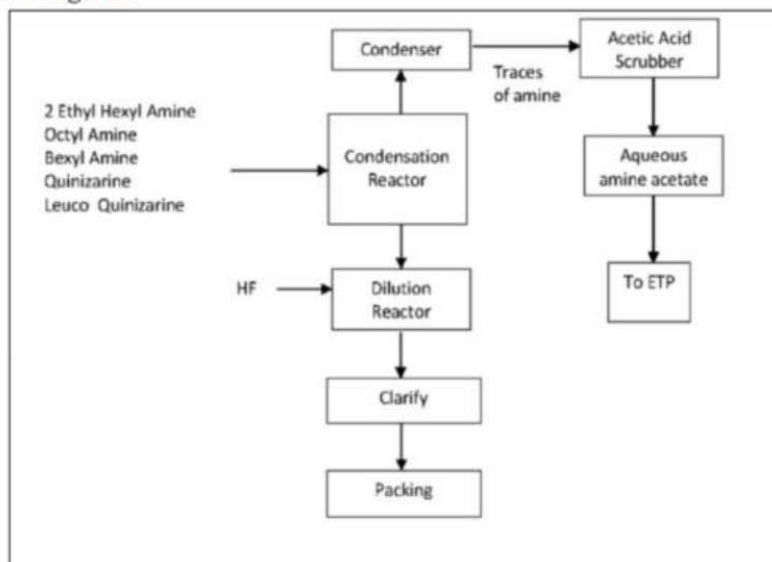
Chemical Reaction:



2 Ethyl Hexyl Octyl Amine Hexyl Amine Quinizarine Leucoquinizarine

Mix. of Solvent Blue79 + H₂O

Process Flow Diagram:

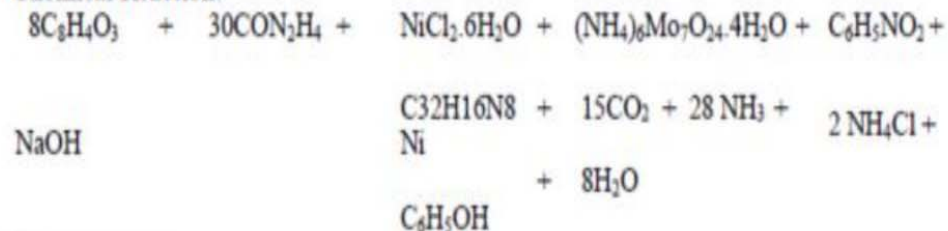


Mass Balance:

Input	Quantity, kg	Output	Quantity, kg
2 EXA	228	Solvent Blue 79	1000
Octyl Amine	141	To ETP	
Hexyl Amine	63	Mono Methyl Amine	64.84
Quinizarine	151	Hexyl Amine	3.52
Leucoquinizarine	133	Quinazarine	0.82
HF Solvent	517	Water	10010.56
Wash water	10000	Recover	
		Amines	152.74
Total	11232.00	Total	11232.00

5. Nickle Phthalocyanine

Chemical Reaction:



Mass Balance:

Input	Quantity, kg	Output	Quantity, kg
Phthalic Anhydride	1132.08	Nickel Phthalocyanine	1000
T.G.Urea	1698.11	To ETP	
Ammonium Molibdate	2.83	PhthalIso derivatives	100.00
Nickle Chloride	185.85	NiCl ₂	28.08
Nitrobenzene	2716.98	Ammonium Molibdate	2.83
Caustic Lye	849.06	Un.Urea	15.00
Sulphuric Acid	849.06	Chloride	54.48
Scrubber + Washwater	157000.00	Caustic Lye	849.06
		Sulphuric Acid	849.06
		Wash water	157000.00
		Water	406.96
		Recover	
		Nitrobenzene	2581.13
		To Ammonia Scrubber	
		Ammonium Chloride	487.17
		Ammonium Hydroxide	
		CO ₂	924.35
		Losses	
		Nitrobenzene	135.85
Total	164434.00	Total	164434.00

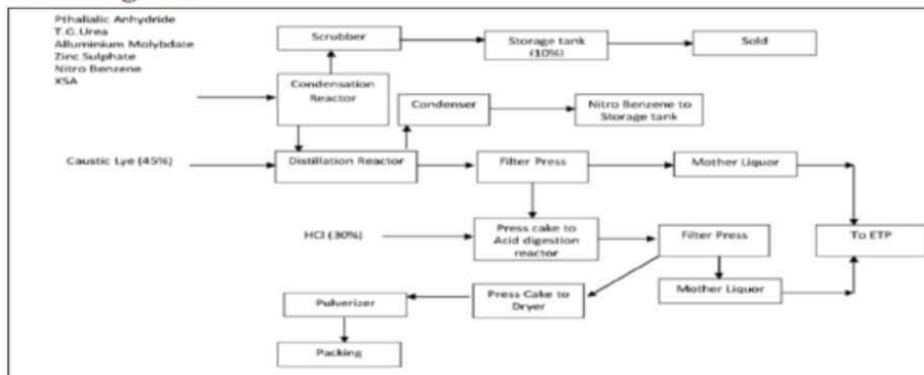
Source: Anar Chemicals LLP

6.Zinc Phthalocyanine

Chemical Reaction:



Process Flow Diagram:



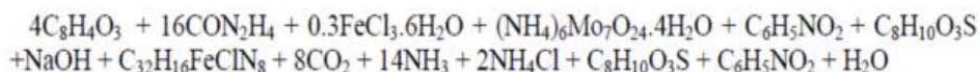
Mass Balance:

Input	Quantity, kg	Output	Q
Pthalic Anhydride	1333.33	Zinc Phthalocyanine	
T.G.Urea	1600.00	To ETP	
Amm. Molibdate	5.33	PthaloIsoderivatives	
Zinc Sulphate	313.33	Ammonium Sulphate	
Nitrobenzene	4000.00	Amm. Molibdate	
Caustic Lye	89.33	Un.Urea	
HCl (30%)	3600.00	Unreacted ZnSO ₄	
Scrubber Water + Wash water	197257.64	Caustic Lye	
		HCl (30%)	
		Wash water	1
		Water	
		Recover	
		Nitrobenzene	
		To Ammonia Scrubber	
		Ammonia	
		CO ₂	
		Losses	
		Nitrobenzene	
Total	208198.00	Total	2

Source: Anar Chemicals LLP

7.Iron Phthalocyanine

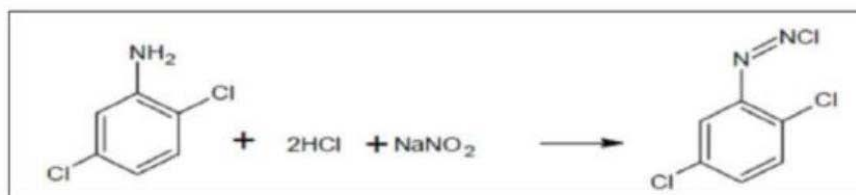
Chemical Reaction:



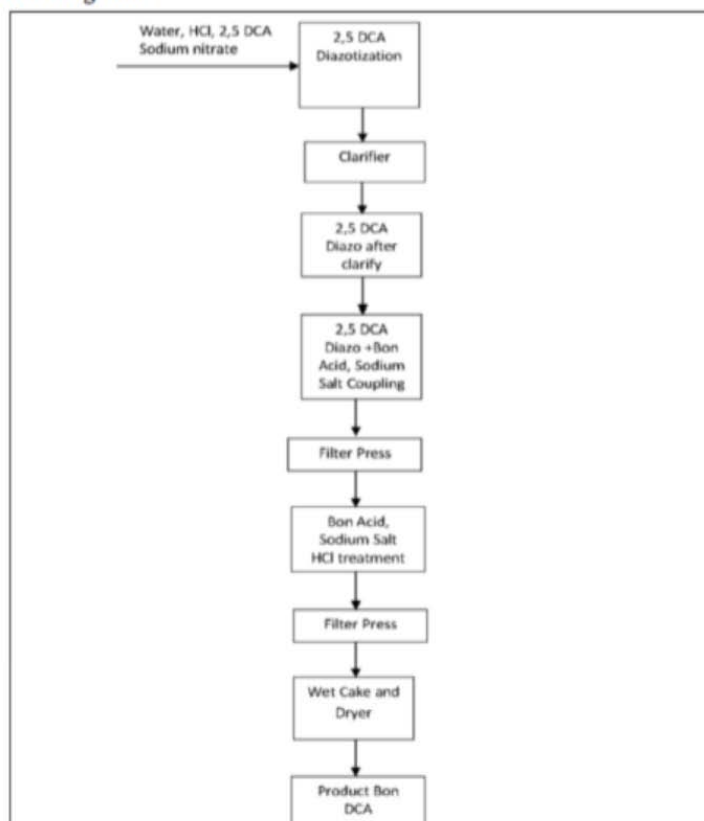
Mass Balance:

Input	Quantity, kg	Output	Quantity, kg
Phthalic Anhydride	1083	Iron Phthalocyanine	1000
T.G.Urea	1667	To ETP	
Ammonium Molibdate	5	Phthalol soderivatives	200.00
Ferric Chloride	533	Ferric Chloride	57.10
Nitrobenzene	4800	Ammonium Molibdate	5.00
Caustic Lye	1167	Un. Urea	30.00
HCl	1333	Water	190.14
Soda ash	333	Caustic Lye	1704.49
Scrubber + Wash water	290205	HCl	1333.33
		Wash water	290205
		Recover	
		Nitrobenzene	4560.00
		To Ammonia Scrubber	
		Ammonium Chloride	671.09
		Ammonium Hydroxide	
		CO ₂	929.58
		Losses	
		Nitrobenzene	240.00
Total	301126.00	Total	301126.00

Source: Anar Chemicals LLP



Process Flow Diagram:

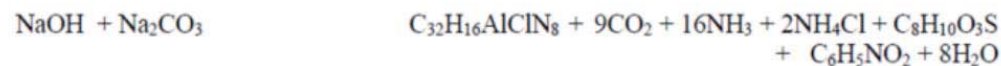
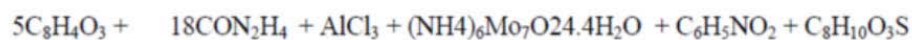


Mass Balance:

Input	Quantity. kg	Output	Quantity. kg
2,5 DCA	520.83	Bon Acid	1000
HCl 30%	5887.50	To ETP	
Water	129166.67	Mother Liquor	343329.17
Sodium Nitrite	275.00	NaCl	1250.00
Sulphonic Acid	29.17	To Hazardous Waste	
BON Acid	616.67	Unreacted Diazo	41.67
Caustic lye 47%	287.50	To Air	
Soda Ash	866.67	CO ₂	362.5
Ice	8333.33		
Washwater	200000.00		
Total	345983.33	Total	345983.33

8.Blue-700 (Aluminium Pthalocyanine)

Chemical Reaction:



Mass Balance:

Input	Quantity, kg	Output	Quantity, kg
Pthalic Anhydride	1250	Iron Phthalocyanine	1000
T.G.Urea	1875	To ETP	
Amm.Molibdate	6	Pthaloderivatives	196.00
Aluminium Chloride	350	Aluminum Chloride	102.00
Nitrobenzene	4400	Amm. Molibdate	6.00
Caustic Lye	1250	Un.Urea	478.00
HCl	3333	Water	275000.00
Soda ash	67	Caustic Lye	1317.00
Scrubber+Washwater	275000	HCl	3333.00
		Recover	
		Nitrobenzene	4180.00
		To Ammonia Scrubber	
		Ammonium Chloride	720.00
		Ammonium Hydroxide	
		CO ₂	980.00
		Losses	
		Nitrobenzene	220.00
Total	287532.00	Total	287532.00

Source: Anar Chemicals LLP

E. NAPHTHOLS:

10.Naphthol AS-CL

Manufacturing Process:

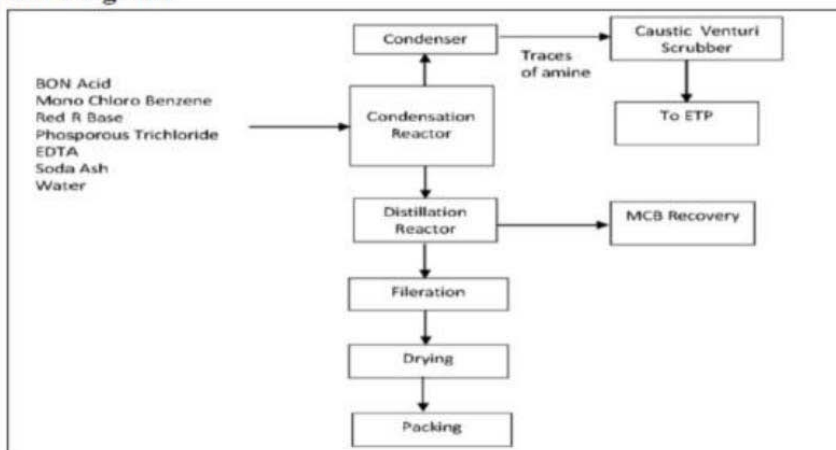
- Mono Chloro Benzene (MCB) is pumped to reaction vessel from MCB recovery tank. Bon acid is added manually to it. [No temperature rise or gas evolved]. Caustic lye is pumped from a storage tank to measuring tank and then transferred to the MS reaction vessel by gravity in a closed system. The mass is then heated by steam in jacket to 110 °C. It is then cooled below 60°C [cold water in jacket] and transferred by pump to another reaction vessel. It is again heated to 100°C and then cooled to 40 °C. PCl_3 is then added by siphon from carboys in a closed system. The reaction is exothermic and is controlled by circulating of cool water in a jacket. Aniline [chemical A] is then added slowly to the mass. Aniline comes in drums and is transferred by siphon method [No increase in temperature and no gases are evolved]
- The whole mass is heated to 130 °C. and again cooled to 60 °C. During heating, HCl is generated which is separated in scrubber.
- The mass is then transferred to another vessel by pressure through a closed system. Soda ash and water are added here. After this, the mass is heated by direct steam to 100°C for steam distillation of Mono-Chloro Benzene, which along with steam is condensed and collected in a tank for reuse.
- The material in the vessel is then cooled to 60°C and filtered in a Nutch filter. It is centrifuged, dried, powdered in a ball mill and packed. Different Naphthols are manufactured by using different Amines [Chemical A] listed below.

Naphthol AS BS	Meta nitro Aniline
Naphthol AS OL	O-Anicidine
Naphthol AS SW	Tobias acid
Naphthol ASD	O-Toludine
Naphthol AS BO	Alpha Naphthol Amine
Naphthol AS Cl	Red R base
Naphthol ASE	Para-Chloro Aniline

Chemical Reaction:



Process Flow Diagram:



ENVIRONMENT AUDIT REPORT FOR APRIL 2023 TO MARCH 2024 OF
M/S ANAR CHEMICALS LLP

Mass Balance:			
Input	Quantity, kg	Output	Quantity, kg
Bon Acid	636	Napthol As-Cl	1000
Red R Base	500	To ETP	
Caustic Lye	264	Bon Acid	63.21
Mono Chloro Benzene	545	Red R Base	24.18
Phosphorus Trichloride	184	Caustic Lye	264
Soda Ash	200	Phosphorus Trichloride	184
EDTA	18	Soda Ash	200
Wash water	36363	Wash water	36363
		Water	65.6
		Recover	
		Mono Chloro Benzene	513.00
		Losses	
		Mono Chloro Benzene	22.00
		Hazardous Waste	
		Residue	11.00
Total	38710.00	Total	38710.00

Annexure 7: Water Consumption and Wastewater Generation

a) Fresh Water Consumption

Sr. No.	Month	Domestic, kL	Process, kL	Cooling, kL	Total Fresh Water Consumption, kL
1	Apr-23	922	2307	1383	4612
2	May-23	1243	3107	1864	6214
3	Jun-23	1250	3127	1876	6253
4	Jul-23	1159	2903	1732	5794
5	Aug-23	1062	2654	1593	5309
6	Sep-23	713	1784	1074	3567
7	Oct-23	1218	3046	1827	6091
8	Nov-23	809	2023	1213	4045
9	Dec-23	1393	3484	2091	6968
10	Jan-24	1146	2866	1720	5732
11	Feb-24	1184	2959	1775	5918
12	Mar-24	1429	3761	2224	7414
Total		13528	34021	20372	67917
Average Per Month		1127.33	2835.00	1697.42	5659.75
Average Per Day		44.35	111.54	66.78	222.68
Average per MT of Product		8.83	22.21	13.30	44.34

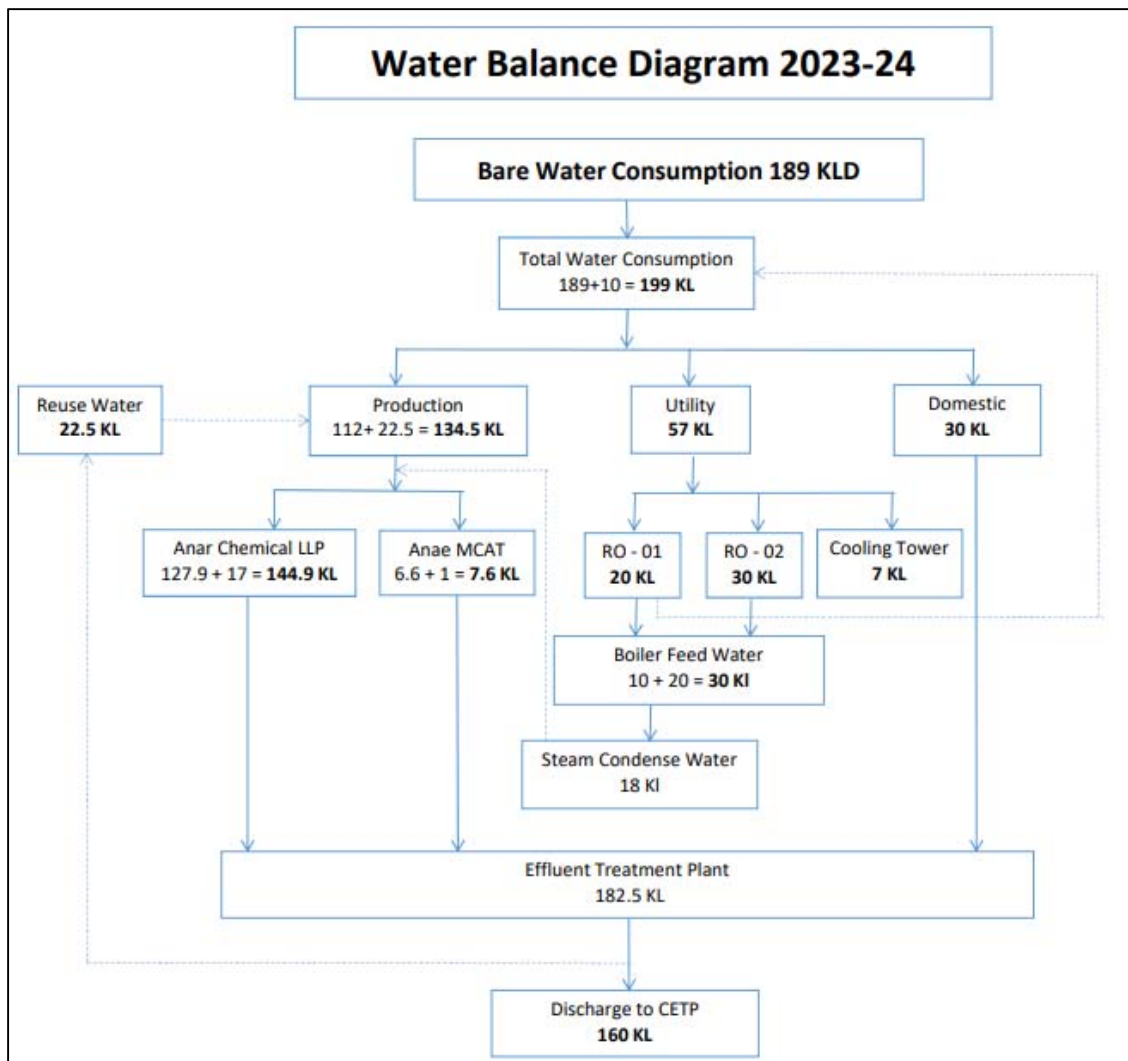
(Source by: M/s. Anar Chemicals LLP)

b) Waste Water Generation

Sr. No.	Month	Domestic kL	Sent to CETP, kL	Sent to MEE, kL	Total Waste water, kL
1	Apr-23	830	2496	0.00	3326.16
2	May-23	1119	3761	0.00	4879.52
3	Jun-23	1126	4483	40.98	5649.52
4	Jul-23	1043	6173	0.00	7215.92
5	Aug-23	956	4518	0.00	5473.62
6	Sep-23	642	3492	0.00	4134.06
7	Oct-23	1096	5396	0.00	6492.38
8	Nov-23	728	3602	20.76	4350.86
9	Dec-23	1254	5302	28.50	6584.74
10	Jan-24	1032	4783	9.53	5824.29
11	Feb-24	1065	4781	0.00	5846.24
12	Mar-24	1335	5330	0.00	6664.52
Total		12225	54117	99.77	66441.83
Average Per Month		1018.76	4509.75	8.31	5536.82
Average Per Day		40.082	177.433	0.327	217.84
Average per MT of Product		7.982	35.333	0.065	43.38

(Source by: M/s. Anar Chemicals LLP)

c) Water Balance Diagram



d) Water Consumption and Wastewater Generation of last 3 Year

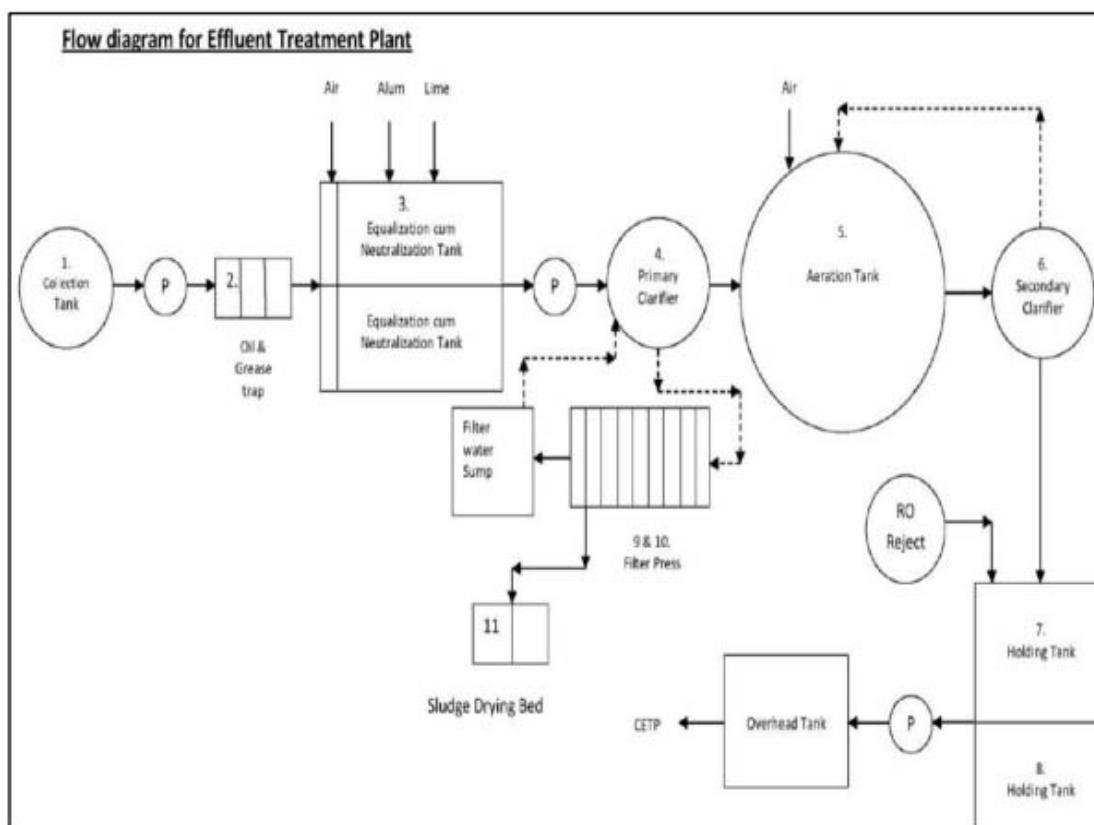
Sr. No.	Year	Water Consumption kL/Day	Wastewater Generation kL/Day
1	2020-21	247.51	217.63
2	2021-22	216.7	188.54
3	2022-23	192.09	175.08

Annexure 8: Details of Effluent Treatment Plant

(a) Name and Size of Each Unit of ETP

Sr. No.	Name of Each Unit	Nos. of Unit	Volume
1.	Raw Effluent Collection Sump	1	40
2.	Oil Skimmer	1	14
3.	Equalization Tank	2	300x2 = 600
4.	Primary Settling Tank	1	70
5.	Aeration Tank	3	132x3 = 396
6.	Secondary Clarifier	1	70
7.	Holding Tank 1	1	18
8.	Holding Tank 2	1	22

(b) Schematic Flow Diagram of Effluent Treatment Plant



Annexure 9: Analysis Report of Effluent Samples

• **First Round**

Sr. No.	Parameter	Unit	Inlet of ETP	Primary of ETP	Final Outlet	GPCB Norms
1.	Temperature	°C	31	33	29	40
2.	pH @ 25°C	--	6.46	8.88	7.88	6.5-8.5
3.	Color	Hazen	350	200	80	100
4.	Total Dissolved Solid	mg/l	13720	11324	10884	2100
5.	Suspended Solid	mg/l	54.7	168.2	108	300
6.	Chemical Oxygen Demand	mg/l	1821.6	1311.5	485.8	1500
7.	BOD (3 Day 27°C)	mg/l	625.8	447	106.2	500
8.	Chloride as Cl ⁻	mg/l	4434.7	3449.2	2217.3	-
9.	Sulphate as SO ₄ ⁻²	mg/l	2200	1820	1710	-
10.	Oil & Grease	mg/l	74.0	3.06	6.6	10
11.	Ammonical Nitrogen	mg/l	125.6	95.9	44.9	50

• **Second Round**

Sr. No.	Parameter	Unit	Inlet of ETP	Primary of ETP	Final Outlet	GPCB Norms
1.	Temperature	°C	38	32	28	40
2.	pH	--	7.68	9.81	8.32	6.5-8.5
3.	Color	Hazen	310	180	70	100
4.	Total Dissolved Solid	mg/l	12844	16600	11072	2100
5.	Suspended Solid	mg/l	260.4	124.8	103.2	300
6.	Chemical Oxygen Demand	mg/l	2255.14	1122.4	461.3	1500
7.	BOD (3 Day 27°C)	mg/l	910	448	103.2	500
8.	Ammonical Nitrogen	mg/l	364.28	130.76	35.56	50
9.	Oil & Grease	mg/l	81.4	14.4	7.24	10

• **Third Round**

Sr. No.	Parameter	Unit	Inlet of ETP	Primary of ETP	Final Outlet	GPCB Norms
1.	Temperature	°C	33	30	27	40
2.	pH	--	9.07	9.32	7.84	6.5-8.5
3.	Color	mg/l	280	160	60	100
4.	Total Dissolved Solid	mg/l	11148	17042	13886	2100
5.	Suspended Solid	mg/l	310.6	82.1	74.23	300
6.	Chemical Oxygen Demand	mg/l	2957.3	2342.4	888.2	1500
7.	BOD (3 Day 27°C)	mg/l	1182	936	183.7	500
8.	Ammonical Nitrogen	mg/l	108	160.4	43.9	50
9.	Oil & Grease	mg/l	92.4	23.11	8.43	10

Annexure 10: Name of Operator/ Employee

Sr. No.	Name of Operator	Designation	Experience	Qualification
1.	Bharat Shah	12 th	Incharge	14
2.	Ramesh Dabhi	9 th	Operator	8
3.	Kamlesh Nagar	B. E.	Shift Engineer	6 Months
4.	Harsh Tiwari	B.E.	Shift Engineer	6 Months

Annexure 11: Details of Stack

• **Details of Flue Gas Stack:-**

Sr. No.	Stack Attached to	Stack Height	Type of Fuel Used	APCM	Parameter	Permissible limit
1.	Boiler (03 TPH)	40	White Coal	Multi cyclone + Bag Filter	Particulate Matter SO ₂ NO _x	150 mg/Nm ³ 100 PPM 50 PPM
2.	Thermic Fluid heater (600 U)			Cyclone Separator		
3.	Gas Fired Boiler	40	PNG	-		

• **Details of Process Gas Stack:-**

Sr. No.	Stack Attached to	Stack Height	APCM	Parameter	Permissible limit
1.	Reaction Vessel - 1	21	Two stage Water scrubber followed by two stage alkali scrubber	HCl	20 mg/Nm ³
2.	Reaction Vessel - 2	21	Three stage Water scrubber followed by acidic dipping tank	Ammonia (NH ₃)	175 mg/Nm ³

Annexure 12: Fuel Consumption Details

- Fuel Consumption Details:**

Sr. No.	Month	White Coal, MT	Diesel, Lit
1	Apr-23	60.036	21
2	May-23	88.339	14
3	Jun-23	132.808	46
4	Jul-23	137.057	0
5	Aug-23	115.821	124
6	Sep-23	87.852	104
7	Oct-23	123.103	16
8	Nov-23	91.761	6
9	Dec-23	133.869	13
10	Jan-24	68.430	13
11	Feb-24	91.793	8
12	Mar-24	118.214	16
Total		1249.083	381.00
Average Per Month		104.090	31.75
Average Per Day		4.095	1.25
Average Per MT of Product		0.82	0.249

(Source by: M/s. Anar Chemicals LLP)

- Percentage Enhancement in Fuel Consumption per day**

Sr. No.	Name of Fuel	Quantity Per Day		% Deviation Compared to Previous Year
		Previous Year	Current Year	
1.	White Coal, MT	3.85	4.095	+ 6.37
2.	Diesel, Lit	-	1.25	-

Annexure 13: Analysis Report of Stack Emission Monitoring

- Analysis Report of Flue Gas Stack

Sr. No.	Parameter	Units	First Round	Second Round	Third Round
Steam Boiler					
1	Particulate Matters – PM	mg/Nm ³	65.0	-	-
2	SO ₂	ppm	24.4	-	-
3	NO _x	ppm	9.12	-	-

- Analysis Report of Process Gas Stack

Sr. No.	Parameter	Units	First Round	Second Round	Third Round
Reaction Vessel - 1					
1	HCl	mg/Nm ³	10.28	8.56	-
Reaction Vessel - 2					
1	Ammonia (NH ₃)	mg/Nm ³	11.33	-	13.8

Annexure 14: Details of Hazardous Waste Generation

• **Details of Hazardous Waste Management & its Handling:-**

Sr. No.	Type of Waste	Quantity	Category	Method of Storage, Handling & Disposal
1	Discarded Containers/Liners	2600 Nos./Year	I – 33.1	Collection, Decontamination, Storage, Transportation, and Disposal by selling to authorized Decontaminators
2	ETP Waste	400 MT/Year	I – 35.3	Collection, Storage, Transportation, and Disposal by selling to registered recyclers
3	Used Oil	0.04 MT/ Year	I – 5.1	Collection, Storage, Transportation, Disposal by selling to Registered Re - Refiners.
4	Inorganic Acid (Spent Sulfuric Acid)	912 MT/Year	I – 26.3	Collection, Storage, Transportation, and Disposal at Authorized TSDF Site
5	Oil & Grease	05 MT/Year	I – 5.1	
6	Solvent Residue	10 MT/Year	I – 20.3	

• **Hazardous Waste Generation:-**

Sr. No	Month	Used or Spent OIL (MT)	Solvent Residue (MT)	Empty Drums (Nos)	liners (MT)	ETP Sludge (MT)
1	Apr-23	0	0	180	0.30	35.0
2	May-23	0	0	175	0.10	14.0
3	Jun-23	0	0	310	0.12	14.0
4	Jul-23	0	0	90	0.21	28.0
5	Aug-23	0.18	0	380	0.11	32.0
6	Sep-23	0	0	280	0.16	30.0
7	Oct-23	0	22.03	180	0.19	32.0
8	Nov-23	0	1.7	270	0.29	40.0
9	Dec-23	0	0	298	0.22	14.0
10	Jan-24	0	0	340	0.13	16.0
11	Feb-24	0	1.5	400	0.26	12.0
12	Mar-24	0	12.92	180	0.18	20.0
Total		0.18	38.15	3083	2.27	287.00
Average Per Month		0.015	3.179	256.917	0.189	23.917

(Source by: M/s.Anar Chemicals LLP)

• **Hazardous Waste Disposal:-**

Sr. No	Month	Used or Spent OIL (MT)	Solvent Residue (MT)	Empty Drums (Nos)	liners (MT)	ETP Sludge (MT)
1	Apr-23	0	0	145	0.23	31.92
2	May-23	0	0	160	0	25.43
3	Jun-23	0	0	441	0	0
4	Jul-23	0	0	70	0	0
5	Aug-23	0.28	0	361	0	0
6	Sep-23	0	0	298	0	0
7	Oct-23	0	22.03	148	0.30	59.10
8	Nov-23	0	0	243	0.25	106.33
9	Dec-23	0	0	257	0.30	27.60
10	Jan-24	0	0	309	0	21.35
11	Feb-24	0	0	364	0.275	0.00
12	Mar-24	0	12.92	148	0	23.78
Total		0.28	34.95	2944	1.36	295.51
Average Per Month		0.023	2.913	245.333	0.113	24.626

• **Hazardous Waste Disposal of last 3 Year**

Sr. No.	Year	ETP Sludge MT	Solvent Residue MT	Discarded Containers Nos.	Spent Acid MT
1	2020-21	353.8	51.2	1155	-
2	2021-22	696	47	450	575
3	2022-23	309.275	30.94	1598	250

Annexure 15: Analysis Report of Noise Monitoring

Sr. No.	Location	Units	First Round	Second Round	Third Round
1	Near Gate Area	dB (A)	55.8	62.6	58.4
2	Near Office Area	dB (A)	52.1	67.4	51.3
3	Near ETP Area	dB (A)	72.3	74.1	68.6
4	Near Parking Area	dB (A)	56.8	-	55.3
5	Near Boiler Area	dB (A)	75.3	60.2	70.2
6	Near workshop Area	dB (A)	75.1	-	73.3
7	Near Cooling Tower	dB (A)	75.4	-	74.6
8	Near Process Stack Area	dB (A)	75.1	-	68.6
9	Near storage area	dB (A)	60.4	72.8	60.1
10	Near Reaction vessel - 2	dB (A)	68.2	-	67.8
11	Near Garden Area (Outside Premises)	dB (A)	-	74.9	-
12	Near Go down Area	dB (A)	-	67.4	-
13	Near Bore well Area	dB (A)	-	62.7	-
14	Near Laboratory Area	dB (A)	-	62.2	-

Annexure 17: Copy of Electricity Bill



CZ300008

Zone Vinzol

T. No. 3001533854

Billing mode 30 days

Distribution date 01/05/24



Torrent Power
now on WhatsApp

Services available:

- Bill Copy
- Submit meter reading
- Submit safety concerns
- Bill payments & offers
- Complaint registration
- Manage multiple services





YOUR DETAILS

ANAR CHEMICALS LLP
12, 14, G.I.D.C. IND. ESTATE PHASE
VATVA
AHMEDABAD-382445.

Registered Mobile: *****1493
Registered Email: ac****p1@anarchem.com
PAN No.: ABEFA5344G

CONTRACT DEMAND
430 KW

BILLING DEMAND
403.0 KW

AVG. POWER FACTOR %
98

BILLING MONTH
April 2024

READING DATE
30/04/24

BILL DATE
01/05/24

HTMD1

CUSTOMER ID
8000403

e-Bill

YOUR BILL
To be paid by e-payment mechanism only

₹1,966,570.00

Thank you for your previous payment of ₹1,754,520.00 on 08/04/24.
Payment received through ECMS-RTGS/NEFT

DUE BY
11/05/24

SECURITY DEPOSIT HELD
₹2,638,000.00

ADDITIONAL SECURITY DEPOSIT REQUIRED
₹0.00

METER DETAILS

Meter No.: 6840482	KW	KWH	TOUKWH	KVAH	NTCT
Present	0.40300	26433.500	9090.300	26946.970	8564.870
Past	- 0.00000	26239.550	9023.070	26749.960	8501.900
Multiplier x	1000.00	1000.00	1000.00	1000.00	1000.00
Units consumed	403.000	193950.000	67230.000	197010.000	62970.000

MAJOR BILL COMPONENTS

₹ 879,197.50
Energy charges

₹ 680,764.50
FPPPA charges

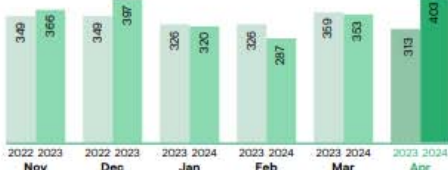
₹ 104,780.00
Fixed Demand Charges

₹ 256,508.31
Government duty

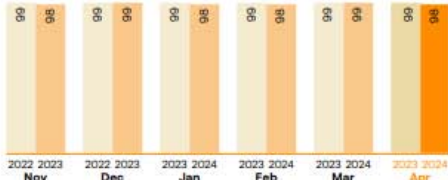
₹ 1,921,250.31

CONSUMPTION TREND

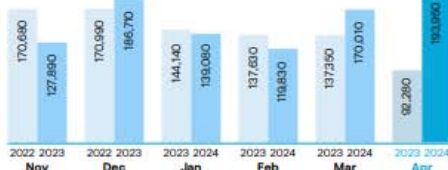
RD (KW) - Recorded Demand



Power Factor(%) - Min. required level 90%



KWH - Units



TOU units - as % of Total Units Consumed





PAYMENT OPTIONS

1. SCAN THIS QR CODE TO PAY USING MOBILE WALLETS OR PAY ONLINE

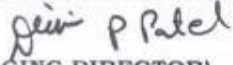


2. Payments can be made Online (Net Banking, Credit or Debit Card / ECMS any Mobile Wallet like Amazon etc).

Annexure 18: Copy of CGWA

	भारत सरकार जल शक्ति मंत्रालय जल संसाधन, नदी विकास और गंगा संरक्षण विभाग केन्द्रीय भूमि जल प्राधिकरण Government of India Ministry of Jal Shakti Department of Water Resources, River Development & Ganga Rejuvenation Central Ground Water Authority											
(भूजल निकासी हेतु अनापत्ति प्रमाण पत्र) NO OBJECTION CERTIFICATE (NOC) FOR GROUND WATER ABSTRACTION												
Project Name:	Anar Chemicals Llp											
Project Address:	12,14 Viboba Bhav Nagar,phase-1, Gidc Vatva, Ahemdabad											
Town:	Ahmadabad (m Corp.)	Block:	Ahmadabad City									
District:	Ahmadabad	State:	Gujarat									
Pin Code:												
Communication Address:	12,14, Vinoba Bhav Nagar,phase-1, Gidc Vatva, Ahmedabad, Ahmadabad City, Ahmadabad, Gujarat - 382445											
Address of CGWB Regional Office :	Central Ground Water Board West Central Region, Swami Narayan College, Building, Shah Alam Tolnaka, Ahmadabad, Gujarat - 380022											
1. NOC No.:	CGWA/NOC/IND/ORIG/2022/15542											
2. Application No.:	21-4/7649/GJ/IND/2021	3. Category: (GWRE 2020)	Semi Critical									
4. Project Status:	Existing Project	5. NOC Type:	New									
6. Valid from:	02/05/2022	7. Valid up to:	01/05/2025									
8. Ground Water Abstraction Permitted:												
Fresh Water		Saline Water										
m ³ /day m ³ /year		m ³ /day m ³ /year										
360.00 126000.00												
Dewatering		Total										
m ³ /day m ³ /year		m ³ /day m ³ /year										
9. Details of ground water abstraction /Dewatering structures												
Total Existing No.:1												
Total Proposed No.:0												
	DW	DCB	BW	TW	MP	MPu	DW	DCB	BW	TW	MP	MPu
Abstraction Structure*	0	0	1	0	0	0	0	0	0	0	0	0
*DW- Dug Well; DCB-Dug-cum-Bore Well; BW-Bore Well; TW-Tube Well; MP-Mine Pit;MPu-Mine Pumps												
10. Ground Water Abstraction/Restoration Charges paid (Rs.):	378000.00											
11. Number of Piezometers(Observation wells) to be constructed/ monitored & Monitoring mechanism.	No. of Piezometers						Monitoring Mechanism					
							Manual DWLR** DWLR With Telemetry					
**DWLR - Digital Water Level Recorder	1						0 1 0					
(Compliance Conditions given overleaf)												
This is an auto generated document & need not to be signed.												
18/11, जामनगर हाउस, मानसिंह रोड, नई दिल्ली - 110011 / 18/11, Jamnagar House, Mansingh Road, New Delhi-110011												
Phone: (011) 23383561 Fax: 23382051, 23386743												
Website: cgwa-noc.gov.in												
पानी बचाये - जीवन बचाये SAVE WATER - SAVE LIFE												

Annexure 19: TSDF Membership Certificate

 501, Fifth Floor, Mansarovar Avenue, Opp. Tulshiyam Flats, Bhimipura, Nava Vadaj, Ahmedabad-380013. Gujarat. INDIA M. : 7283889988 Email : ecocare@ecocareinfra.com Website : www.ecocareinfra.com	
MEMBERSHIP CERTIFICATE	
TO WHOM IT MAY CONCERN	
This is to certify that	
M/S. ANAR CHEMICALS LLP	
which is situated at	
Plot No.12 & 14, Phase-1, GIDC Vatva, Ahmedabad.	
is member of	
M/S. ECOCARE INFRASTRUCTURES PVT. LTD.	
for Treatment, Storage and Disposal Facility (TSDF).	
Situated at Survey No. 127, Village: Ghaspur, Tal.: Dasada, Dist.: Surendranagar.	
Membership No.	: ECIPL-004
Membership Renewal Date	: 30-09-2022
Membership Expired on	: 30-09-2025
Note: Waste will be accepted till the cell is not full.	
FOR, ECOCARE INFRASTRUCTURES PVT. LTD.	
 (MANAGING DIRECTOR)	
Site Address : Survey No. 127, Village - Ghaspur, Ta. : Dasada, Dist. : Surendranagar-382765. M. : 7434011311	

Annexure 20: Membership Certificate for CETP & Common MEE



The Green Environment Services Co-op. Society Ltd.
(Common Effluent Treatment Plant & Secured Landfill Facility)

Chairman Bipin R. Patel	Vice-Chairman Bhupendra C. Patel	Vice-Chairman Yogesh D. Parikh	Hon. Secretary Vajubhai Jodhani	Hon. Jt. Secretary Anand I. Patel	Hon. Treasurer Pankaj S. Shah
----------------------------	-------------------------------------	-----------------------------------	------------------------------------	--------------------------------------	----------------------------------

Ref. : GESCSL/ACCT/2008/ 1620
Date: 16-06-2008

TO WHOM IT MAY CONCERN

This is to certify that M/s. Anar Chemical Industries, Plot No. 12 & 14, Phase-1, G.I.D.C. Estate, Vatva, Ahmedabad has been enlisted as a member of the Society. The unit will avail the facilities namely the Common Effluent Treatment Plant and Secured Landfill Site. The quantity of effluent booked is 285000 liters per day and the unit falls under Category – A (Intermediate)

We shall accept the treated effluent from our member unit subject to the following conditions.

1. In case of any change in the products...
a. The unit shall obtain prior permission from regulatory authority and society.
2. The quality of effluent shall strictly conform to the inlet norms prescribed by the GPCB from time to time. The Society may be compelled to stop accepting the effluent failing the compliance of the inlet norms.
3. The member unit will adopt and implement cleaner production practices and technology to minimize the generation of waste streams and pollution load at source.
4. The member unit will participate actively in the various programmes conducted by the Society to improve competitiveness for capacity development, energy efficiency and conservation. The unit will also actively participate in the various training programmes related to environmental issues organized by the Society.



BIPIN R. PATEL
Chairman



ISO 9001



ISO 14001



ISO 45001

Regd. Office & CETP Site : Plot No. 244-251, Phase II - GIDC Estate, Vatva, Ahmedabad-31
Phone. : (079) 25892283, 25832449, 25832520, 25835652 Tele Fax : (079) 2589336
Web Site : www.gecsl.com E-mail : greenetp@icenet.net
SLF Site : Survey No. 89 - 90 - 91, Village : Vinzol, Ahmedabad. Phone : 93285 5022



The Green Environment Services Co-op. Society Ltd.
(Common Effluent Treatment Plant & Secured Landfill Facility)

Shankerbhai R. Patel
Chairman

Anandbhai I. Patel
Vice-Chairman (Administration)

Yogeshbhai D. Parikh
Vice-Chairman (Solid Waste)

Rameshbhai M. Patel
Vice-Chairman (MEE)

Bhupendrabhai C. Patel
Hon. Secretary

Jitendrabhai J. Doshi
Hon. Jt. Secretary

Pankajbhai P. Dadania
Hon. Treasurer

Ref : GESCSL/SPRAY DRYER CERTY/2018/971
Date : 28th June, 2018

TO WHOM SO EVER IT MAY BE CONCERNED

This is to certified that Anar Chemicals LLP, Plot No. 12, 14, Phase: 1, G.I.D.C. Vatva, Ahmedabad is registered as a beneficiary of our Spray Dryer and quantity booked 1,000 Ltrs/Day.

Thanking you,

Yours faithfully

For and on behalf of,
The Green Environment Services Co-op. Society Ltd.


Vinod I. Shah
Sr. Manager (Accounts and Finance)



Regd. Office & CETP Site : Plot No. 244-251, Phase I-G.D.C Estate - Vatva, Ahmedabad - 382 446

Tele Fax : (079) 25892283, 25832449, 25832520, 25836650, 25813614, 25491390, 25491694

Web Site : www.gescs.com | E-mail : info@gescs.com

SLF Site : Survey No. 89-90-91 Village - Vinod, Ahmedabad. Phone : 9221318213

Annexure 21: Manifest Copy

Sr. NO	DATE	Waste Category	Waste Name	Waste Qty	Manifest ID	PCB Id	Receiver Name
1.	08-04-2023	35.3	ETP Sludge	31.920 MT	2059227	48212	M/s Ecocare Infrastructures Pvt. Ltd.
2.	13-04-2023	33.11	Empty Drums	145.000 NUM	2064061	11974	M/s K.Nisha Trading Company
3.	29-04-2023	33.13	liners	0.230 MT	2080935	11185	M/s Divya enterprise
4.	07-05-2023	35.3	ETP Sludge	25.430 MT	2088981	48212	M/s Ecocare Infrastructures Pvt. Ltd.
5.	24-05-2023	33.11	Empty Drums	160.000 NUM	2105678	11974	M/s K.Nisha Trading Company
6.	08-06-2023	33.11	Empty Drums	145.000 NUM	2119331	11974	M/s K.Nisha Trading Company
7.	20-06-2023	33.11	Empty Drums	148.000 NUM	2128669	11974	M/s K.Nisha Trading Company
8.	28-06-2023	33.11	Empty Drums	148.000 NUM	2134977	11974	M/s K.Nisha Trading Company
9.	13-07-2023	33.11	Empty Drums	70.000 NUM	2145199	11974	M/s K.Nisha Trading Company
10.	09-08-2023	33.11	Empty Drums	148.000 NUM	2164158	11974	M/s K.Nisha Trading Company
11.	12-08-2023	33.11	Empty Drums	65.000 NUM	2166549	11974	M/s K.Nisha Trading Company
12.	18-08-2023	5.2	Used or Spent OIL	0.280 MT	2181101	66180	M/s United Petrochem
13.	29-08-2023	33.11	Empty Drums	148.000 NUM	2188749	11974	M/s K.Nisha Trading Company
14.	18-09-2023	33.11	Empty Drums	148.000 NUM	2202516	11974	M/s K.Nisha Trading Company
15.	30-09-2023	33.11	Empty Drums	150.000 NUM	2211412	11974	M/s K.Nisha Trading Company
16.	03-10-2023	33.13	Liners	0.300 MT	2213394	11185	M/s Divya enterprise
17.	17-10-2023	33.11	Empty Drums	148.000 NUM	2225449	11974	M/s K.Nisha Trading Company
18.	27-10-2023	20.3	Solvent Residue	22.030 MT	2234612	13376	M/s Recycling Solution Pvt Ltd.(Lessee)
19.	28-10-2023	35.3	ETP Sludge	29.040 MT	2235437	48212	M/s Ecocare Infrastructures Pvt. Ltd.
20.	29-10-2023	35.3	ETP Sludge	30.060 MT	2236238	48212	M/s Ecocare Infrastructures Pvt. Ltd.
21.	05-11-2023	35.3	ETP Sludge	31.840 MT	2243784	48212	M/s Ecocare Infrastructures Pvt. Ltd.
22.	07-11-2023	35.3	ETP Sludge	24.290 MT	2244766	48212	M/s Ecocare Infrastructures Pvt. Ltd.
23.	08-11-2023	35.3	ETP Sludge	24.330 MT	2246093	48212	M/s Ecocare Infrastructures Pvt. Ltd.
24.	08-11-2023	33.13	liners	0.250 MT	2246915	11185	M/s Divya enterprise
25.	10-11-2023	33.11	Empty Drums	124.000 NUM	2248613	11974	M/s K.Nisha Trading Company

ENVIRONMENT AUDIT REPORT FOR APRIL 2023 TO MARCH 2024 OF
M/S ANAR CHEMICALS LLP

26.	21-11-2023	35.3	ETP Sludge	25.870 MT	2255476	48212	M/s Ecocare Infrastructures Pvt. Ltd.
27.	30-11-2023	33.11	Empty Drums	119.000 NUM	2283026	11974	M/s K.Nisha Trading Company
28.	02-12-2023	35.3	ETP Sludge	22.490 MT	2285841	48212	M/s Ecocare Infrastructures Pvt. Ltd.
29.	13-12-2023	33.11	Empty Drums	148.000 NUM	2305714	11974	M/s K.Nisha Trading Company
30.	30-12-2023	33.13	liners	0.300 MT	2323749	11185	M/s Divya enterprise
31.	30-12-2023	33.11	Empty Drums	109.000 NUM	2323890	11974	M/s K.Nisha Trading Company
32.	31-12-2023	35.3	ETP Sludge	27.600 MT	2324935	48212	M/s Ecocare Infrastructures Pvt. Ltd.
33.	06-01-2024	33.11	Empty Drums	127.000 NUM	2330503	11974	M/s K.Nisha Trading Company
34.	17-01-2024	33.11	Empty Drums	106.000 NUM	2360432	11974	M/s K.Nisha Trading Company
35.	25-01-2024	35.3	ETP Sludge	7.850 MT	2368856	1000012	M/s Green Gene Enviro Protection And Infrastructure Pvt. Ltd
36.	26-01-2024	33.11	Empty Drums	76.000 NUM	2369750	11974	M/s K.Nisha Trading Company
37.	26-01-2024	35.3	ETP Sludge	21.380 MT	2369925	48212	M/s Ecocare Infrastructures Pvt. Ltd.
38.	02-02-2024	35.3	ETP Sludge	3.830 MT	2376965	48212	M/s Ecocare Infrastructures Pvt. Ltd.
39.	07-02-2024	33.11	Empty Drums	84.000 NUM	2401704	11974	M/s K.Nisha Trading Company
40.	17-02-2024	33.13	liners	0.275 MT	2413080	11185	M/s Divya enterprise
41.	26-02-2024	33.11	Empty Drums	148.000 NUM	2421682	11974	M/s K.Nisha Trading Company
42.	28-02-2024	33.11	Empty Drums	132.000 NUM	2424262	11974	M/s K.Nisha Trading Company
43.	13-03-2024	35.3	ETP Sludge	23.780 MT	2439119	49212	M/s Ecocare Infrastructures Pvt. Ltd.
44.	22-03-2024	33.11	Empty Drums	148.000 NUM	2458626	11974	M/s K.Nisha Trading Company
45.	23-03-2024	20.3	Solvent Residue	12.920 MT	2459599	13378	M/s Recycling Solution Pvt Ltd.(Lessee)

ENVIRONMENT AUDIT REPORT FOR APRIL 2023 TO MARCH 2024 OF
M/S ANAR CHEMICALS LLP



Recycling Solution Pvt Ltd.(Lessee),
Gepil (Leaser\owner) [13376]

Manifest No:
2459599
23/03/2024

Copy 2

To be forwarded by To be Carried by the occupier after taking signature on it form the transporter.

Sender's Details					
Sender Name	Anar Chemicals Industries [10361]				
Address	Phase No: I,GIDC ESTATE Taluka :DAS Distict:VAT Pin no:382445				
Contact Details	8347293839	Yukti@anarchem.com	GPS Coordinates	Lat :22.960586435473605 Long :72.63288974761963	
Receiver's Details					
State	Gujarat	Type of Facility	Pre- processing		
Facility Details	Recycling Solution Pvt Ltd.(Lessee), Gepil (Leaser\owner) [13376]				
Contact Details	9327119533	rkp@rs-pl.com	GPS Coordinates	Lat :21.569852283399893 Long:72.99642562866211	
Address	GIDC, Estate, Taluka :ANK Distict:ANK Pin no:394116				
Waste Details					
Waste Details	I~20~20.3~Distillation Residues				
Waste Intended for	Preprocessing	Total Qty	12.920MT	Consistency	liquid
Transporter Details					
Name	Suleshwari Roadline		Contact Details	7069028650 prashant.bansari@rs-pl.com	
Address	Plot No.223, ,GIDC PANOLI District :Ankleshwar Taluka :Ankleshwar				
Vehicle Details					
Vehicle no	GJ09AV1118 (IMEI No :869604061161294)	GPS Enabled	Yes	Type of Vehicle	Tanker
Driver name	Alim		Driver Contact No	8511359464	
Waste Transportation Details					
Vehicle Depart.	21/03/2024 4:15PM	Number of Drums	0	Loose Waste	12.920
Remarks	SOLVENT RESIDUE		No of bags	0	
Sender's Declaration : (1) The above contents of hazardous/ other wastes consignment are fully and accurately described above by proper shipping name and are categorized, packed, marked and labeled, and are in all respects in proper conditions for its transport from aforementioned location to common facility or captive facility or actual user by way of road/ transportation in accordance with the applicable central as well as state government regulations. (2) I have obtained membership of common facilities/ carried out agreement with actual user for disposal/ actual use of hazardous waste having authorization under Rule-9. (3) I do hereby verify that no part of manifest is false and nothing has been concealed. If any information sprouts to be false or concealed, I will be held responsible for the consequences under HOWM Rules, 2016 and amendments thereof.					
Name and stamp of sender:		Date:		Signature:	
Transporter's Acknowledgement of Receipt of waste Stamp:		Date:		Signature:	
Receiver's Certification of Receipt of Hazardous waste I, hereby declare that the said waste is received at the facility/unit for which I have valid CCA (under Rule-9 in case of recycling) for its disposal/ utilization. I also declare this information to be true failing which I will be held responsible for the consequences under HOWM Rules, 2016 and amendments thereof. I hereby, accept/ reject the manifest.					

Stamp:

Date:

Signature:

By scanning QR code, copy of transporter will be display. (All copy has same information)

Print by 10361 @ 23/03/2024 10:55:07 AM 05d649ff-580a-494c-9a28-fc26394c35a5

Page 1 of 1



ENVIRONMENT AUDIT REPORT FOR APRIL 2023 TO MARCH 2024 OF
M/S ANAR CHEMICALS LLP



Ecocare Infrastructures Pvt. Ltd.
[48212]

Manifest No:
2439119
13/03/2024

Copy 2

To be forwarded by To be Carried by the occupier after taking signature on it form the transporter.

Sender's Details					
Sender Name	Anar Chemicals Industries [10361]				
Address	Phase No: I, GIDC ESTATE Taluka :DAS Distict:VAT Pin no:382445				
Contact Details	8347293839	Yukti@anarchem.com	GPS Coordinates	Lat :22.960586435473605 Long :72.63288974761963	
Receiver's Details					
State	Gujarat	Type of Facility	Common TSDF		
Facility Details	Ecocare Infrastructures Pvt. Ltd. [48212]				
Contact Details	7434011011	account@ecocareinfra.com	GPS Coordinates	Lat :23.1872964563881 Long:71.92114111016166	
Address	,VILLAGE: GHASPUR Taluka :DAS Distict:SRN Pin no: 382750				
Waste Details					
Waste Details	I~35~35.3~Chemical sludge from waste water treatment				
Waste Intended for	LandFill	Total Qty	23.780MT	Consistency	Solid
Transporter Details					
Name	Shree Chamunda Roadways		Contact Details	9925871864 mayurbharwad1733@gmail.com	
Address	vatva gidc,phase 2 VATVA District :Ahmedabad-Vatva Taluka :Ahmedabad-Vatva				
Vehicle Details					
Vehicle no	GJ04AW4355 (IMEI No :358980100407189)	GPS Enabled	Yes	Type of Vehicle	Truck
Driver name	RAJENDRA		Driver Contact No	9909075647	
Waste Transportation Details					
Vehicle Depart.	13/03/2024 3:15PM	Number of Drums	0	Loose Waste	23.780
Remarks	ETP SLUDGE		No of bags	0	
Sender's Declaration : 1. I hereby declare that contents of the consignment are fully and accurate described above by proper shipping name and are categorized , packed, marked , and labeled , and are all in all respects in proper condition for transport by road according to applicable national government regulations. 2. I hereby declare that we have obtained membership of common facility / carried out agreement with actual user for disposal/ actual use of hazardous waste.					
Name and stamp of sender:		Date:		Signature:	
Transporter's Acknowledgement of Receipt of waste					
Stamp:		Date:		Signature:	
Receiver's Certification of Receipt of Hazardous waste					

Stamp:

Date:

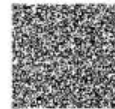
Signature:

By scanning QR code, copy of transporter will be display. (All copy has same information)

Print by 10361 @ 13/03/2024 03:10:57 PM

a7c1419b-208d-4971-b490-7f094096bffc

Page 1 of 1



ENVIRONMENT AUDIT REPORT FOR APRIL 2023 TO MARCH 2024 OF
M/S ANAR CHEMICALS LLP



K.Nisha Trading Company [11974]
(Hazardous Waste Manifest)

Manifest No:
2305714
13/12/2023

Copy 2

To be forwarded by To be Carried by the occupier after taking signature on it form the transporter.

Sender's Details					
Sender Name	Anar Chemicals Industries [10361]				
Address	Phase No: I,GIDC ESTATE Taluka :DAS Distict:VAT Pin no:382445				
Contact Details	8347293839	Yukti@anarchem.com	GPS Coordinates	Lat :22.960586435473605 Long :72.63288974761963	
Receiver's Details					
State	Gujarat	Type of Facility	Actual user (within state)		
Facility Details	K.Nisha Trading Company [11974]				
Contact Details	8980834216	knishatradingco@yahoo.com	GPS Coordinates	Lat :22.976584638765324 Long:72.58223905063709	
Address	-,B/H:KASHIRAM TEXTILE,NAROL Taluka :ADC Distict:ABD Pin no:382405				
Waste Details					
Waste Details					
Waste Intended for	Recycling	Total Qty	148.000NUM	Consistency	Solid
Transporter Details					
Name	K. Nisha Trading Company		Contact Details	9825034216 knishatradingco@yahoo.com	
Address	Panjetani Estate, Opp. P.W.D.,Chandola Talav, Ahmedavad 380028 District :Ahmedabad Taluka :Ahmedabad				
Vehicle Details					
Vehicle no	GJ18U6980 (IMEI No :862095058923084)		GPS Enabled	Yes	Type of Vehicle Truck
Driver name	Hasmukh bhai		Driver Contact No	9723910177	
Waste Transportation Details					
Vehicle Depart.	13/12/2023 11:30AM		Number of Drums	148	Loose Waste 0.000
Remarks	Empty drums		No of bags	0	
Sender's Declaration : 1. I hereby declare that contents of the consignment are fully and accurate described above by proper shipping name and are categorized , packed, marked , and labeled , and are all in all respects in proper condition for transport by road according to applicable national government regulations. 2. I hereby declare that we have obtained membership of common facility / carried out agreement with actual user for disposal/ actual use of hazardous waste.					
Name and stamp of sender:		Date:		Signature:	
Transporter's Acknowledgement of Receipt of waste					
Stamp:		Date:		Signature:	
Receiver's Certification of Receipt of Hazardous waste					

In Principal Approval Details :Accepted - 13/12/2023 11:18AM - Remarks :anar

Stamp: Date: Signature:

By scanning QR code, copy of transporter will be display. (All copy has same information)

Print by 10361 @ 13/12/2023 11:20:20 AM 444a867a-7bb6-4d0d-a7fc-e64642b1c477

Page 1 of 1



Annexure 22: On Site Emergency Plan

M/S. ANAR CHEMICALS LLP

ON-SITE EMERGENCY PLAN



A/BAF/R/18/00

OF

M/S. ANAR CHEMICALS LLP
Plot No.12, 14 Phase I, GIDC- Vatva.
Ahmedabad - 382445
Gujarat

(June 2022)

PREPARED BY
Shruti Associates Consultancy
Flat No : 02, Block No 1,
V.M.C quarters, Opp : New Court
Dhuletoora, Vadodra

M/S. ANAR CHEMICALS LLP

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Annexure 23: Health Records

JIVRAJ HEALTH CHECKUP-2024				
SR.NO.	NAME	BP-JIVRAJ	SUGAR	REMARKS
1	DINESH VADADARA	160/100	128	
2	MANGALBHAI DABHI	130/90	114	EOSINOPHILIA
3	RAJENDRA B GIRI	120/80	124	
7	SODHA PARMAR TEJPALSINH	110/70	105	
8	GIRVAR SHARMA	120/80	81	
9	YADAV ANUJKUMAR	110/70	98	MILD MACROCYTIC PICTURE.CHECK VITAMIN B12 LEVEL.
10	THAKOR VIKRAMJI VISHNUJI	120/80	91	MILD MACROCYTIC PICTURE.CHECK VITAMIN B12 LEVEL.
11	LUVKUMAR DINKARBHAI SATHWARA	120/80	85	
12	NAGAR KAMLESHKUMAR LALJIBHAI	120/80	131	
13	TIWARI HARSH RAKESHKUMAR	120/80	97	
14	SAGARKUMAR BHAVESHKUMAR RATHOD	120/80	89	MILD EOSINOPHILIA
15	SHEETAL VAGHELA	110/70	70	
16	AJAYKUMAR CHAUDHARY	110/70	100	

Annexure 24: ISO Certificates

bsi.

Certificate of Registration

ENVIRONMENTAL MANAGEMENT SYSTEM - ISO 14001:2015

This is to certify that:

Anar Chemicals LLP
12, 14, G.I.D.C. Industrial Estate
Phase I, Vatva
Ahmedabad 382 445
Gujarat
India

Holds Certificate No: **EMS 56376**

and operates an Environmental Management System which complies with the requirements of ISO 14001:2015 for the following scope:

The Development, Manufacture, Sales & Marketing of Dyes, Intermediates & related Specialty Chemicals.

For and on behalf of BSI:


Theuns Kotze, Managing Director Assurance - IMETA

Original Registration Date: 2000-10-24
Latest Revision Date: 2023-05-05

Effective Date: 2023-05-02
Expiry Date: 2026-05-01

Page: 1 of 2



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This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract.
An electronic certificate can be authenticated [online](https://www.bsi-global.com/ClientDirectory).
Printed copies can be validated at www.bsi-global.com/ClientDirectory or telephone +91 11 2092 9000.
Further clarifications regarding the scope of this certificate and the applicability of ISO 14001:2015 requirements may be obtained by consulting the organisation.
This certificate is valid only if provided original copies are in complete set.

bsi.

Certificate of Registration

OCCUPATIONAL HEALTH & SAFETY MANAGEMENT SYSTEM - ISO 45001:2018

This is to certify that:

Anar Chemicals LLP
12, 14, G.I.D.C. Industrial Estate
Phase I, Vatva
Ahmedabad 382 445
Gujarat
India

Holds Certificate No: **OHS 614340**

and operates an Occupational Health and Safety Management System which complies with the requirements of ISO 45001:2018 for the following scope:

The Development, Manufacture, Sales & Marketing of Dyes, Intermediates & related Specialty Chemicals.

[Previously certified to BS OHSAS 18001:2007 since 08-05-2014]

For and on behalf of BSI:


Theuns Kotze, Managing Director Assurance - IMETA

Original Registration Date: 2019-04-29
Latest Revision Date: 2023-05-05

Effective Date: 2023-04-27
Expiry Date: 2026-04-26

Page: 1 of 2

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This certificate is valid only if provided original copies are in complete set.

Information and Contact: BSI, Kitemark Court, Davy Avenue, Knebworth, Herts SG9 6PP. Tel: +44 345 080 9000
BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.

bsi.

Certificate of Registration

QUALITY MANAGEMENT SYSTEM - ISO 9001:2015

This is to certify that:

Anar Chemicals LLP
CHITRAKOOT , Opp. C. N. Vidyalay
B/h Shakuntal Complex,
Ambawadi,
Ahmedabad 380 006
Gujarat
India

Holds Certificate No: **FM 56375**

and operates a Quality Management System which complies with the requirements of ISO 9001:2015 for the following scope:

The Development, Manufacture, Sales & Marketing of Dyes, Intermediates & related Speciality Chemicals.

For and on behalf of BSI:


Theuns Kotze, Managing Director Assurance - IMETA

Original Registration Date: 2000-10-24
Latest Revision Date: 2023-05-05

Effective Date: 2023-05-02
Expiry Date: 2026-05-01

Page: 1 of 2

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Further clarifications regarding the scope of this certificate and the applicability of ISO 9001:2015 requirements may be obtained by consulting the organization.
This certificate is valid only if provided original copies are in complete set.

Information and Contact: BSI, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP. Tel: +44 345 080 9000
BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.

Annexure 25: Insurance Copy



Date: 25/04/2024

ANAR CHEMICALS LLP
12, 14, GIDC INDUSTRIAL ESTATE, PHASE 1,
VATVA
AHMEDABAD - 382445
AHMEDABAD
GUJARAT
INDIA
24ABEFA5344G2ZQ(GSTIN Number)

Policy No : 0304010082
Renewal : 01
Endorsement : 00

Dear Sir / Madam,

We thank you for choosing **Tata AIG General Insurance Company Ltd.** as your preferred insurer. Your Policy No. Is 0304010082 01 00.

We are glad that you have chosen our product **PUBLIC LIABILITY ACT** and given us an opportunity to be your risk carrier for this Product.

'Casualty Line' caters to most of the Enterprises / Industries in India, whether Large, Medium or Small. As one of the India's most established insurance companies, we understand these unique needs of coverage. At Tata AIG we care for you and would strive to offer convenience coupled with a range of products that cater continuously to your ever increasing needs.

Enclosed please find your policy docket based on the information furnished by you in the Proposal.

We look forward to a long and mutually beneficial relationship and providing you wider range of benefits in the years to come.

Yours Sincerely,
For Tata AIG General Insurance Company Limited



Authorized Signatory

Insurance is the subject matter of the solicitation. For more details on risk factors, terms and conditions, please read sales brochure carefully before concluding a sale.
TATA AIG General Insurance Company Ltd. Regd. Office: 15th floor, Tower A, Peninsula Business Park, Ganpatrao Kadam Marg, Off Senapati Bapat Marg, Lower Parel, Mumbai- 400 013.
IRDA Registration No.108, CIN No : U85110MH2000PLC128425, PAN : AABCT3518Q, UIN No : IRDAN108CP0058V01201819
Website: www.tataaig.com 24X7 Tollfree Helpline 1800-266-7780 E-mail: customersupport@tataaig.com

Annexure 26: Fire Accident Detail

							
		Anar Chemicals LLP/Anar MCAT Advanced Electronic Chemicals Pvt Ltd					
Incident/Accident Investigation Report						A/SAF/R/10/00	
Date: 24/9/2023						SR. No 5	
Total No of Injured Person/s	zero						
Name/s of Injured Person/s	nil						
Job title	Raw Material Storage Godown RMG 304/ RMG 301					Plant HOD Name	Pradeep Shukla
Working Hours:	Shift (yes/no)	NA	Normal (yes/no)		G		
Company Employee (yes or no)	NA		Company Details:		Anar Chemicals LLP		
Contractual? (yes or no)	NA		Contractor Company Details:		NA		
Date of Accident/Incident	24/09/2023	Time of Accident/Incident	7:35 AM	Shift	C		
Types Of Accident/Incident	Safety (yes or No)		Yes		Environment (Yes or No)		No
					Fire		
Location/Area	RMG -304 and RMG-301 In front of AMCAT and PHP Plant						
Plant Name	RMG-304 & RMG-301		Names of Investigation Team Members		1. Pratik Solanki 2. Kalpesh Sura 3. Rajesh Patel 4. Hiren Patel 5. Pradeep Shukla		
Date of report	24/09/2023						
Investigation details	On 24/09/2023 Sunday Routine Plant Manufacturing Process is going on. At 07:35 am PHP Plant Supervisor Ratansingh and AMCAT Plant Operator Kanu Dabhi observed smoke in RMG-304 . They rushed to the area and Found material got fire . They immediately informed other people near by plant and started Fire Fighting. Ratan Singh informed Security gate and Security In Charge blown Emergency Siren . Security In charge Confirmed No injury and no one was trapped in Fire After Head Count. Mayank Patel our LSD Plant Shift Chemist has informed factory Manager , Production Managed and Safety Officer on call about the Incident. Fire fighting team has started Fire fighting with Fire Hose reel , Portable 200 Ltr AFFF Foam Trolley and 6 ABC type Fire Extinguisher Available near by location . Mayank Patel called Fire Brigade at 07:41 AM for further help. Fire Brigade reached at 07: 52 AM and take over charge of Fire Fighting .Fire Brigade team used Our AFFF Foam Solutions and 200ltr Foam Trolley for Fire Fighting. Fire Brigade team had declared All clear around 08:15 am.						

ENVIRONMENT AUDIT REPORT FOR APRIL 2023 TO MARCH 2024 OF
M/S ANAR CHEMICALS LLP

		Fire Fighting team appreciate our team work and Good working condition of all Fire Fighting Equipments. No injury to any employees.		
	Root Cause/s	Unknown		
	Remedial action taken/to be taken	Barricate area around RMG-301 & RMG-304. RMG-301 & RMG-304 is under observation of fire Fighting Trained persons for 48 hr. Adequate number of Fire Extinguishers, 200 Ltr Foam Trolley with 100 Ltr extra Foam , Sand buckets , Hose Reels etc. kept near RMG-301 & RMG - 304. Officer of Gujarat Pollution Control board and Factory Inspector from Director Industrial Safety and Health visited factory and Gave clearance of all type of Plant process including Manufacturing Process and Supply Chain other RMG-301 & RMG 304.		
	Corrective Action Plan			
	Action Recommended	1.Check all go down and ensure FLP light connections. 2.Check all go down and ensure FLP Gland and Armored cable. 3.Materials in all Go down must be stored as per Material Compatibility. 4.All CCTV should be checked periodically. All Go down should be cover with CCTV 5.Ware house team is responsible for locking arrangement of all Go Down from 8 PM to 8 AM 6.Proper system and attention required to dispose of old materials. 7.Beyond Six month old materials check packing material conditions and if required then change new Drums/bags in every April shutdown.		
	Effectiveness of Corrective Action Taken	1.We have checked and installed FLP light conections in All godown stored flammable materials. 2.We have checked and installed FLP Gland and Armored cable in All godown stored flammable materials. 3.We have implemented a proper system that all Materials in all Go down must be stored as per Material Compatibility. 4. A person assigned for checking all CCTV periodically. 5.Ware house team is responsible for locking arrangement of all Go Down from 8 PM to 8 AM. 6.We have implemented a proper system to dispose of old materials. 7.Beyond Six month old materials check packing material conditions and if required then change new Drums/bags in every April shutdown. After these actions , we have no such accident.		
	Person Responsible	Target Date	Completion Status	Closure Date
	Pradeep Shukla	30/11/2023	Completed	20/11/2023
	Signature (HOD) Pradeep Shukla		Signature (Safety Officer) PRATIK SOLANKI	Signature (Factory Manager) K H SURA

ગુજરાત પ્રદૂષણ નિયંત્રણ બોર્ડ
પ્રાદેશિક કચેરી : અમદાવાદ (પૂર્વ)
પ્લોટ નં. ૩૫૦૧, ફેઝ-૪, ગુ.આઈ.ડી.સી., વટવા, અમદાવાદ-૩૮૨૪૪૫. ફોન નં.: ૦૭૯ - ૨૯૨૯૫૮૮૦
E-mail ID (Regional Office) : ro-gpcb-ahme@gujarat.gov.in
E-mail ID (Unit head) : uh-gpcb-ahme@gujarat.gov.in
Website : http://gpcb.xgn.gujarat.gov.in

સ્થળ તપાસની નિરિક્ષણ નોંધ ૨૨-૦૪૦૦૭

આઈ.ડી.નં.: ૧૦૭૬૧ કેટેગરી / સ્કેલ: R / S / Longitude 72-૬૩૩૧૭

શ્રીમાન,
આપશ્રીને જણાવવાનું કે, આજ તા ૨૧/૭/૨૩ ના રોજ આપશ્રીના એકમની મુલાકાત લઈ સ્થળ તપાસ કરી ઈ-સ્પેક્શન કરેલ છે જે દરમ્યાન હવા/પાણી/જોખમી કચરા / ના / / નમૂના પૃથ્થકરણ અર્થે એકત્રીત કરેલ છે.

આપશ્રીના એકમની મુલાકાત દરમ્યાન પર્યાવરણીય કાયદાઓના સંદર્ભે તુટીઓ/ક્ષતિઓ જોવા/જણવા મળેલ છે, જે આધારે પડતર અરજી સંદર્ભે નિર્ણય લેતા પહેલાં અને/અથવા કાયદાકીય પગલાં લેતા અને / અથવા પર્યાવરણ નુકશાન વળતર લેતા પહેલાં કુદરતી ન્યાયના સિદ્ધાંત મુજબ આપશ્રીને સાંભળવાની તક પુરી પાડવાના હેતુથી અત્રે લેખિતમાં સ્થળસ્થિતિ / મુદ્દાઓ / સૂચનાઓ આપવામાં આવે છે.

આ પરત્વે આપશ્રી નીચે લેખિતમાં રજૂઆત કરી શકો છો અથવા લેખિત મુલાકાતો / સ્પષ્ટતા / પુર્તતા અહેવાલ કામકાજના દિન-૦૩ માં બોર્ડની વડી કચેરી, ગાંધીનગર તેમજ અત્રેની કચેરીને લેખિતમાં અથવા XGN પર અથવા E-mail થી રજૂ કરવા નોટીસ આપવામાં આવે છે.

સ્થળ તપાસ દરમ્યાન જોવા મળેલ સ્થળ સ્થિતિ / તુટીઓ / ખામીઓ :
૧) ઇન્સા ન/ન મામલો ઊભાડોનો, Raw material, Fresh
૨) ઇન્સા ન/ન મામલો ETP કાચો ના વર્ગિક સ્તરેનો ૭૬૨૬૬
૩) ઇન્સા ન/ન મામલો High Inc. નામોની રૂલિંગ નોંધેલો ઇન્સા ન/ન
૪) ઇન્સા ન/ન મામલો રૂલિંગ નોંધેલો ઇન્સા ન/ન
૫) ઇન્સા ન/ન મામલો રૂલિંગ નોંધેલો ઇન્સા ન/ન

ગુ.પ્ર.નિ. બોર્ડના નામે અને વતી,
ગિ.મ.લાલાણી
અ.પ.વ.

(અધિકારીઓના નામ, હોદ્દો, સહી):
મુલાકાત લેવામાં આવેલ હોય તે એકમના પ્રતિનિધીની રજૂઆત: (જે લાગુ પડે તેની સામે જ સહી કરવી)
મુલાકાત દરમ્યાન અધિકારીશ્રીઓએ મુદ્દાઓ માટે સ્થળસ્થિતિ/સૂચનાઓ/સુધારાત્મક પગલાં ભરવા જણાવેલ છે., જેમાં
(૧) આ સ્થળસ્થિતિ / સૂચનાઓ સાથે હું, નીચે સહી કરનાર સંપૂર્ણ સહમત છું.
(૨) જેમાં દર્શાવેલ સ્થળસ્થિતિ / સૂચનાઓમાંથી મુદ્દા નં. સાથે હું, નીચે સહી કરનાર અસહમત છું. જેના માટે મારી નીચે પ્રમાણેની રજૂઆત છે. :

ANAR CHEMICALS LLP
12/14, G.I.D.C. Estate, Phase-I,
Vatva, AHMEDABAD-382445.
Ph.: 079-25830208 & 9

ગૌતમી રામ પરીજ.
QA manager



5. આપણા એકમમાં લાગેલ અપરાધ કારણે ગુજરાત પાગલ માલ-સામાન, Hazardous waste નો Environmentally Sound Manner નો થોડો TSDF site / CHWTF site ઉપર ભરવામાં આવી તેની વિગતો બોર્ડમાં રજૂ કરવી. Plant ની કચરાલ ગુજરાત ની વિગતો રજૂ કરવી.
6. આપણા હિંદી મેન્યુઅલ Fine NOC અને બીજી અરજી સ્થા તંત્રની પરવાનગીને મોકલો રજૂ કરવી.
7. આપણા એકમમાં લાગેલ અપરાધને બીજા કચરાલ injury / Casualty ની વિગતો રજૂ કરવી.
8. આપણા એકમમાં generate થયેલ W/W નો ETP ની collection tank ની કચરો treatment ફરી તેનો Consent મુજબ જ નિર્માણ કરવો.
9. DISH નો report / direction અને તેનું Compliance નો અહેવાલ રજૂ કરવો.
10. આપણે Haz. Waste Rules 2016 અંતર્ગત Form 2 ની Accident Report રજૂ કરવો.
11. Risk Assessment Study આપણા હિંદી કરાવેલ હોય તો તેનો Report રજૂ કરવો અને કરાવેલ ન હોય તો તે બાબતે સુધારા કરવો અને તેનો અહેવાલ રજૂ કરવો.
12. આપણા હિંદી ઉત્પાદન પ્રક્રિયામાં ઉપયોગ કરવામાં આવતા Raw materials ની Characteristics / MSDS રજૂ કરવી તેમજ કચરા સમયે ફરિયાદો માલ-સામાન / Raw material / product નું ગુજરાત કચરાલ કે તેમજ આપણા લાગેલ godown માં ફરિયાદો સામાન મોકલ કરેલ હોય તેની વિગતો રજૂ કરવી.

A.A. Navabkha
Aparna Navabkha
(AEE)

Kalpesh Suraj

Anar Chemicals LLP
Plot No. 12+12/A+14A+14/B GIDC Estate,
Phase-1, Vatva, AHMEDABAD -382445.

Annexure 28: Copy of Forwarding Letter for Renewal

Forwarding & Undertaking Letter from Industry																																																																																										
Application for consent for establishing / operation the industrial plant / plants under Section 21 of the Air (prevention & Control of Pollution) Act, 1981																																																																																										
Important This Document or its copy does "NOT" serve as a Supporting Document Proof of Industry's Submission of an																																																																																										
Note : Application for a NOC / Consent. This Letter does "NOT" ensure that the Application FEES has been paid.																																																																																										
Application Purpose : Previous consent of CCA- Amendment having No.AWH-130904 Dated 07/02/2024 and validity is 31/03/2024 and also CCA- Renewal Application is in process Having Inw ID NO.306038																																																																																										
From : Anar Chemicals Industries, Category: RED / MEDIUM Plot No: 12,14, phase no: i, gide estate, AHMEDABAD - 382445 Contact Person: N.R.PARIKH- QA Manager, Mob:8347293839, Ph:-07925831516 DIST: Ahmedabad-Vatva, TAL: Daskroi, SIDC: Vatva					Print Date: 06/04/2024																																																																																					
					PCB-ID : 10361 INWARD : 307990 Dt:05/04/2024																																																																																					
To, The Member Secretary, Gujarat Pollution Control Board Paryavaran Bhavan, Sector-10/A, Gandhinagar - 382010					Scrutinized By: D.B.Prajapati, SO(393)																																																																																					
I / We here by Submitting application for NOC ,Inward No : 307990 ,Date : 05/04/2024 for CEE(CTE- Amendment).																																																																																										
Applying For : NOC		Validity : 7 Years		Grant By : MSC																																																																																						
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Haz Sector : 0		No of Plants : 1		Incenerator : 0																																																																																						
Investment	Air	Water	Hazardous																																																																																							
0.50 Crs	0	0	0+0																																																																																							
6000 Rs	0 Years	0 Years	0 Years																																																																																							
Payable Fees : Air : 0, Water : 0, Haz : 0																																																																																										
Paid Amount : 6000, DD No : Y1622290330390, Dt: 4/4/2024, at 162 , ***																																																																																										
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16 PLL - Plan LayOut + Site Plan	30/07/08	1	-2	-2																																																																																						
I, the applicant declare that I have submitted full and complete documents and information in conformity to the applicable acts / rules. I am aware that, any delay / rejection in the processing of application on account of incorrect / incomplete information shall be mine responsibility.																																																																																										
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Annexure 29: Copy of Consent & Compliance of CCA

 **GUJARAT POLLUTION CONTROL BOARD**
PARYAVARAN BHAVAN, SECTOR 10-A,
GANDHINAGAR - 382010,
(T) 079-23232152

By R.P.A.D.

CCA-Amendment
(No. AWH - 120228)

No: GPCB/ABD/VT-CCA-448(6)/ID: 10361/656082 Date: 13-10-2022

Amendment to CONSOLIDATED CONSENT AND AUTHORISATION Order No: AWH- 109866, Date of Issue: 21/10/2020. (Under the provisions of the aforesaid environmental acts)

To,
✓ M/s. Anar Chemicals LLP,
(Old Name: M/s. Anar Chemicals Industries)
Plot No: 12, 14, Phase No: I,
GIDC - Vatva,
Ahmedabad - 382 445.

SUB: Amendment in CCA of this Board.

Ref: 1. Your CCA - Amendment Application Inward No. 214616 Dated: 03/05/2022.
2. CCA order No. GPCB/ABD/ VT-CCA-448(6)/ID: 10361/572284 Dated: 05/11/2020.

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(b) of the Hazardous and other Waste amendment (Management and Transboundary Movement) Rules-2016, framed under the EP Act-1986. The Consolidated Consent Authorization (CCA/A) has granted to M/s. Anar Chemicals LLP located at Plot No: 12, 14, Phase No: I, GIDC - Vatva, Ahmedabad vide this office Consent order no: 1 AWH- 109866, Date of Issue: 21/10/2020 is being subjected to amendment for the following condition only.

Validity of CCA amendment shall be as per existing CCA i.e. up to 31/03/2024.

1. The details of product of the above said consent order shall be amended and read under.

Sr. No.	Product		Quantity (MT/Month)		
			Existing	Proposed	Total
• Existing:					
1.	Naphthols	Naphthols	15	—	15
2.	Metal	Nickel Phthalocyanine	0.42	—	0.42
		Iron Phthalocyanine	5.84	—	5.84
3.	Intermediates	Blue 1000	8.75	—	8.75
4.	R & D Products	DAZN (BON DCA)	03	—	03
5.	Dyes (Direct, Acid Their Powder, Liquid Solvent Dyes	R & D Products for Dyes, intermediates, metal phthalocyanine, and specialty chemical	01	—	01
		Solvent Green 33	13.34	—	13.34
		Solvent Blue 79	4.17	—	4.17
		Solvent Blue 98	33.34	—	33.34
		Solvent Red 161	0.33	—	0.33
		Solvent Red 19E	47.92	—	47.92
		Solvent Red 164	47.92	—	47.92

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Signature : 

		Solvent Yellow 107	1.25	--	1.25
		Solvent Yellow 124	3.33	--	3.33
		Solvent Orange 98	5.84	--	5.84
6.	ICE		--	750	750

SPECIFIC CONDITION:

- Unit shall strictly obey/comply the Hon'ble Gujrat High court directions regarding WPPIL 98 of 2021 from time to time.
- Industry shall obtain NOC from CGWA as per order of Hon. National Green Tribunal for the withdrawal of ground water, if applicable.
- Industry shall comply with the Solid Waste Management Rules-2016.
- Industry shall comply with all condition of Environment Clearance vide letter No: IA-J-11011/508/2006-IA-II (I) dated 24/07/2007.
- As per Provisions of Rule 18 of Solid Waste Management Rules-2016 you shall explore possibility to make an arrangement in Utilities to replace at least five percent (5%) of your solid fuel requirement by 'refused derived fuel'.
- Unit shall comply with Solid Fuel Guidelines as well as Coal handling guidelines of this Board.
- Unit shall follow the Solid Fuel Guidelines which is published by Board for control, management and handling of fly ash.
- The fly ash generated shall be collected and stored in fly ash silos.
- The fly ash shall be utilized as per Fly Ash Notification-1999 and its subsequent amendments.

CONDITIONS UNDER WATER ACT 1974:

- Water Source: **Bore Well.**
- The quantity of water consumption for domestic propose, after proposed amendment, shall be unchanged **(30 KLD)**
- The quantity of domestic effluent from the factory, after proposed amendment, shall be unchanged **(30 KLD)**
- Domestic effluent shall be disposed off through septic tank/soak pit system.
- The quantity of the water consumption for industrial purpose, after proposed expansion, shall be increase from **278.8 KLD to 303.8 KLD, (Including 69.8 KLD water requirement for sister concern unit M/s. Anar Meat Advanced Electronic Chemicals P Ltd PCB ID-43756)**
- The quantity of trade effluent from the factory, after proposed amendment, shall be unchanged **(279.4 KLD)** Out of which **01 KLD (0.5 KLD** from M/s. Anar Chemicals LLP as well as **0.5 KLD** from their sister unit M/s. Anar Meat Advanced Electronic Chemicals Pvt. Ltd) is further sent to Common Multi Effect Evaporator (MEE) of The Green Environment Services Co. Op. Society Ltd, Vatva for further treatment.
- Industrial effluent **(278.4 KLD)** after conforming to CETP inlet norms as below shall be discharged to CETP for further treatment of disposal.
- Industry shall provide separate collection, treatment and conveyance system with flow meter for diluted and concentrated streams.
- Industry shall provide fixed pipeline with different color coding & flow meter for collection & disposal of both the streams separately.
- Industry shall maintain complete records about generation & disposal of both the streams separately and make it available at site.
- Industrial effluent after conforming to CETP inlet norms as below shall be discharged to CETP for further treatment of disposal





GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN, SECTOR 10-A,

GANDHINAGAR - 382010,

(T) 079-23232152

13. TRADE EFFLUENT:

14. The applicant shall operate effluent treatment system efficiently so that effluent from the existing industrial unit shall conform to the CETP inlet norms mentioned below, however the final discharge of treated effluent from CETP shall adhere to the prescribed standards for CETP of The Green Environment Services Co. Op. Society Ltd, Varva.

PARAMETERS	CETP INLET NORMS FOR INDUSTRIAL UNITS HAVING EFFLUENT QUANTITY ≥50 KLD
pH	6.5 TO 8.5
Temperature	40° C
Colour (Pt.Co.Scale) in units	100 units
Suspended Solids	100 mg/L
Oil and Grease	10 mg/L
Phenolic Compounds	1 mg/L
Sulphides	2 mg/L
Ammonical Nitrogen	50 mg/L
Total Chromium	2 mg/L
Hexavalent Chromium	0.1 mg/L
BOD (5 days at 20°C)	500 mg/L
COD	1500 mg/L
Fixed Dissolved Solids	2100 mg/L
Mercury	0.01 mg/L
Lead	0.1 mg/L
Cadmium	1 mg/L
Copper	2 mg/L
Nickel	3 mg/L
Zinc	5 mg/L
Arsenic	0.2 mg/L
Selenium	0.05 mg/L
Boron	2 mg/L

15. The final treated effluent conforming to CETP inlet norms shall be fully conveyed into CETP of The Green Environment Services Co. Op. Society Ltd (CETPL, Varva. In no case effluent shall be discharged in to Environment by any means.
16. In case of failure of CETP, applicant shall have to treat the trade effluent of their unit fully so as to achieve the quality of the treated effluent from their industrial premises as per the GPCB norms mentioned below and shall be discharged into mega pipeline.

PARAMETERS	OUTLET NORMS
pH	6.5 TO 8.5
Temperature	40° C
Colour (Pt.Co.scale)	100 units
Suspended Solids	100 mg/L
Oil and Grease	10 mg/L
Fixed Dissolved Solids	2100 mg/L
Phenolic Compounds	1 mg/L
Sulphides	2.0 mg/L

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PARAMETERS	OUTLET NORMS
Ammonical Nitrogen	50 mg/L
Total Chromium	2 mg/L
Hexavalent Chromium	0.1 mg/L
BOD (5 days at 20°C)	30 mg/L
COD	250 mg/L
Cyanides	0.2 mg/L
Fluorides	2 mg/L
Chlorides	600 mg/L
Sulphate	1000 mg/L
Insecticides/Pesticides	Absent
Total Kjeldahl Nitrogen	100 mg/L
Mercury	0.01 mg/L
Lead	0.1 mg/L
Cadmium	1 mg/L
Copper	2 mg/L
Nickel	2 mg/L
Zinc	5 mg/L
Arsenic	0.2 mg/L
Selenium	0.05 mg/L
Boron	2 mg/L
Bin-Assay Test	90% survival of fish after 96 hours in 100% effluent

17. Unit shall maintain daily log book of quantity of water consumption, waste water generation and waste water sent to CETP.
18. Industry shall provide the pipeline with flow meter for effluent at outlet to ETP and shall maintain its record.

CONDITIONS UNDER AIR ACT 1981:

19. The following shall be used as fuel consumption.

Sr. No.	Equipment	Fuel	Existing Quantity	Proposed Quantity	Total Quantity
1.	Steam Boiler (03 TPH) Thermal Fluid Heater (600 L)	White coal	10.64 MT/Day	—	10.64 MT/Day
2.	Gas Fired Boiler	PNG	—	1000 SCMD/Day	1000 SCMD/Day

20. The applicant shall install & operate air pollution control system in order to achieve norms prescribed below.
21. The Flue gas emission through stack attached to the following standards.



Stack No.	Stack attached in	Stack height in meter	APCM	Parameter	Permissible Limit
* Existing:					
1.	Steam Boiler (02 TPH)	40	Multi Cyclone Separator + Bag Filter	Particulate matter SO ₂ NO _x	150 µg/Nm ³ 100 ppm 30 ppm
2.	Thermic fluid heater (600 U)		Cyclone Separator		
* Proposed:					
3.	Gas Fired Boiler	40	—		

22. The Process gas emission through stack conform to the following standard.

Stack No.	Stack attached in	Stack height in meter	APCM	Parameter	Permissible Limit
* Proposed:					
1.	Reaction vessel-1	21	Two stage Water scrubber followed by alkali scrubber	HCL	20 mg/Nm ³
2.	Reaction vessel-2	21	Three stage Water scrubber followed by acidic dipping tank	Ammonia (NH ₃)	175 mg/Nm ³

23. All the other conditions of the existing CC&A under no: AWH-109866, Date of Issue: 21/10/2020 shall remain unchanged.

24. You are directed to comply with these conditions in true spirit.

◆ **Specific Conditions stipulated in Critically Polluted Areas (CPA) / Severely Polluted Areas (SPA)**

* **Additional conditions under Air Act:**

- Unit shall adhere to stringent air pollutants standards i.e. 80 % of existing flue gas and process emission standards in the CPA.
- Unit shall adhere to stringent air pollutants standards i.e. 90 % of existing flue gas and process emission standards in the SPA.
- Following air pollution control measures shall be provided for the flue gas emission sources like Boiler, Thermic Fluid Heaters etc. (As Applicable)

Stipulated APCM in Red / Orange category industrial units of CPA/ SPA	
Steam generation capacity (in TPH)	Type of APCM
Less than 1	Multi Cyclone
1 to <3	Multi Cyclone + Water Scrubber
3 to <6	Bag Filter + Water Scrubber
≥ 6	ESP+ Water Scrubber

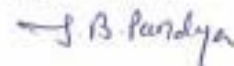
- Unit shall provide at least two stage scrubbing system of appropriate media for the control of the process gas emission.

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- e) Unit shall install and commission Continuous Emission Monitoring System- CEMS (as per CPCB guidelines for relevant parameters) which shall be connected with GPCB/CPCB server (In case of large and medium red category industries)
 - f) The unit shall adhere to Sector specific guidelines/ SOP published by GPCB / CPCB from time to time for effective fugitive emission control. (like guidelines for: Stone crushing units, Coal handling units, spent solvent handling and management, spent acid management, Decontamination of drums, containers etc.)
 - g) Unit shall take adequate measures to control odour nuisance from the industrial activities which may include measures like- use of masking agent with atomizer system (water curtain), closed / automatic material handling system, containment of the odour vulnerable areas etc.
 - h) Unit shall provide green belt of 40% of the plot area, using concept of the social forestry and development of green belt outside project premises in adjacent areas.
 - i) Unit shall provide Wall to Wall carpeting in vehicle movement areas within premises to avoid dusting.
- **Additional conditions under the Water Act:**
 - 1. Unit shall only use treated effluent for preparation of lime and other slurry in ETP. No fresh water shall be utilized in ETP.
 - 2. In case of Large and Medium Red Category industry, the unit shall install system for continuous monitoring of effluent quality / quantity as per CPCB guidelines for relevant parameters (like pH, Flow, Temperature, TOC/COD, NH₃-N etc.) and shall be connected to GPCB server. In case, if the industry is a member of CETP, unit shall install flow meter.
 - 3. If the water consumption of the unit is more than 50 KLPD, Unit shall submit detailed water harvesting plan (off site).
 - 4. The unit shall explore Techno-Economic feasibility of Zero Liquid Discharge (ZLD) and if feasible, ZLD should be adopted.
 - **Additional conditions under the Hazardous Waste Management Rules:**
 - 1. Unit shall strictly carry out handling, storage and disposal of fly-ash, slag, red-mud, de-inking sludge etc. (High Volume- Low Effect Wastes) as per prevailing guidelines and its disposal at designated locations approved by the Board.
 - 2. Industry shall dispose its hazardous wastes through co-processing, pre-processing to the extent possible prior its disposal to incineration/ landfill as per provisions of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
 - 3. Unit shall carry out transportation of hazardous wastes through GPS mounted vehicles only.
 - **Other General Conditions:**
 - 1. Unit shall submit report of compliance of the conditions of EC every year to the Board prepared by third party.
 - 2. Unit shall enhance CER fund allocation to at least 1.5 times the slabs given in the OM dated 01.05.2018 for SPA and 2 times for CPA in case of Environmental Clearance.

For and on behalf of
Gujarat Pollution Control Board



(J. B. Pandya)
Scientific officer



GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN

Sector-10-A, Gandhinagar 382 010

Phone : (079) 23222425

(079) 23232152

Fax : (079) 23232156

Website : www.gpcb.gov.in

By R.P.A.D.

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(b) of the Hazardous & other wastes (Management and Transboundary Movement) Rules-2016, framed under the Environment Protection Act-1986.

And whereas Board has received on line consolidated consents & Authorization (CC&A) application Inward No: 157034 dated 18/06/2019 for **Renewal** of 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.

CONSENTS AND AUTHORISATION:

(Under the provisions - rules of the above-said environmental acts)

To,
M/s. Anar Chemicals LLP,
(Old Name: M/s. Anar Chemicals Industries)
Plot No: 12, 14, Phase No: I,
GIDC-Vatva,
Ahmedabad - 382 445.

1. Consent Order No: AWH - 103512 Date of issue: 16/08/2019.
2. Consents shall be valid up to 31/03/2024 for use of outlet for the discharge of trade effluent & emission due to operation of industrial plant for manufacturing of the following products:

Sr. No.	Product	Quantity
1.	Dyes (Direct/ Acid their powder/ Liquid Solvent Dyes and their Mixtures)	70 MT/Month
2.	Metal Phthalocyanines and Its Derivatives	20 MT/Month
3.	Dye Intermediate (FCT, DAZN, 4-TBBN, 4-CBN, Direct Black-19, intermediates)	03 MT/Month
4.	Naphthols	30 MT/Month
5.	R&D products for dyes, intermediates, metal phthalocyanine, and specialty chemicals)	01 MT/Month
6.	Blue-700	05 MT/Month

SPECIFIC CONDITION:

- Industry shall comply with the Solid Waste Management Rules-2016.
- Industry shall obtain NOC from CGWA as per order of Hon. National Green Tribunal for the withdrawal of ground water if applicable.
- Unit shall not carry out any activity without obtaining prior EC from competent authority under the provisions of EIA-Notification - 2006.
- Unit shall not carry out production other than & exceeding consented quantity.
- Unit shall not install any new plant machinery, ETP plant, flue gas stacks, process stacks in the premises.

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Clean Gujarat Green Gujarat
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- Unit shall receive industrial effluent of M/s. Anar Meat Advanced Electronic Chemicals Pvt. Ltd., Plot No: 12/1, Phase- 1, GIDC- Vavva, Ahmedabad- 382445 for treatment at existing ETP. The liability of ETP Operation as well as treatment of effluent shall be of both the units.

3. CONDITIONS UNDER THE WATER ACT:

- 3.1 The quantity of the industrial effluent to be generated from the manufacturing process and other ancillary industrial operations shall not exceed **212 KLD**, which shall be treated in existing ETP along with **70.6 KLD** industrial effluent received from with M/s. Anar Meat Advanced Electronic Chemicals Pvt. Ltd. located at Plot No: 12/1, Phase- 1, GIDC- Vavva, Ahmedabad- 382445. Hence, total quantity of industrial effluent to be treated in existing ETP of the unit shall not exceed **282.6 KLD**.
- 3.2 The quantity of the domestic waste water shall not exceed **30 KLD**.
- 3.3 Domestic effluent shall be disposed off through septic tank/soak pit system.
- 3.4 The liability of ETP Operation as well as treatment of effluent shall be of both the units.
- 3.5 Separate flow meters shall be installed at the ETP of this unit for quantification of effluent generated from this unit and effluent received from M/s. Anar Meat Advanced Electronic Chemicals Pvt. Ltd. and separate logbook shall be maintained for daily record keeping of effluent quantity.
- 3.6 Industrial effluent from industrial plant, after conforming to CETP inlet norms as below, shall be discharged to CETP for further treatment or disposal.

3.7 TRADE EFFLUENTS:

- 3.7.1 The applicant shall operate effluent treatment system efficiently so that effluent from the industrial unit shall conform to the CETP inlet norms mentioned below however the final discharge of treated effluent from CETP shall adhere to the prescribed standards for CLTP of M/s. The Green Environment Services Co-op. Soc. Ltd. (CETP).

PARAMETERS	CETP Inlet Norms For Industrial Units Having Effluent Quantity ≥ 50 KLPD	CETP Inlet Norms For Industrial Units Having Effluent Quantity < 50 KLPD	CETP Inlet Norms For Industrial Units Having Effluent From Textile Units
pH	6.5 TO 8.5	6.5 TO 8.5	6.5 TO 8.5
Temperature	40° C	40° C	40° C
Colour (Pt.Co Scale) in units	100 units	100 units	100 units
Suspended Solids	300 mg/L	300 mg/L	300 mg/L
Oil and Grease	10 mg/L	10 mg/L	10 mg/L
Phenolic Compounds	1 mg/L	1 mg/L	1 mg/L
Sulphides	2 mg/L	2 mg/L	2 mg/L
Ammonical Nitrogen	50 mg/L	50 mg/L	50 mg/L
Total Chromium	2 mg/L	2 mg/L	2 mg/L
Hexavalent Chromium	0.1 mg/L	0.1 mg/L	0.1 mg/L
BOD (5 days at 20°C)	500 mg/L	700 mg/L	400 mg/L
COD	1500 mg/L	2000 mg/L	1000 mg/L



GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVA

Sector-10-A, Gandhinagar 382 01

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Website : www.gpcb.gov.

Fixed Dissolved Solids	2100 mg/L	2100 mg/L	2100 mg/L
Mercury	0.01 mg/L	0.01 mg/L	0.01 mg/L
Lead	0.1 mg/L	0.1 mg/L	0.1 mg/L
Cadmium	1 mg/L	1 mg/L	1 mg/L
Copper	3 mg/L	3 mg/L	3 mg/L
Nickel	3 mg/L	3 mg/L	3 mg/L
Zinc	5 mg/L	5 mg/L	5 mg/L
Arsenic	0.2 mg/L	0.2 mg/L	0.2 mg/L
Selenium	0.05 mg/L	0.05 mg/L	0.05 mg/L
Boron	2 mg/L	2 mg/L	2 mg/L

3.14.2 The final treated effluent conforming to CETP inlet norms shall be fully conveyed into CETP of M/s The Green Environment Services Co-op. Soc. Ltd. (CETP) through underground drainage system of GESCSL, in no case effluent shall be discharged in to Environment by any means.

3.14.3 In case of failure of CETP, applicant shall have to treat the trade effluent of their unit fully so as to achieve the quality of the treated effluent from their industrial premises as per the GPCB norms mentioned below and shall be discharged into GESCSL (CETP) pipeline.

PARAMETERS	OUTLET NORMS
pH	6.5 TO 8.5
Temperature	40° C
Colour (Pt.Co scale)	100 units
Suspended Solids	100 mg/L
Oil and Grease	10 mg/L
Fixed Dissolved Solids	2100 mg/L
Phenolic Compounds	1 mg/L
Sulphides	2.0 mg/L
Ammonical Nitrogen	50 mg/L
Total Chromium	2 mg/L
Hexavalent Chromium	0.1 mg/L
BOD (5 days at 20° C)	30 mg/L
COD	100 mg/L
Cyanides	0.2 mg/L
Fluorides	2 mg/L
Chlorides	600 mg/L
Sulphate	1000 mg/L
Total Residual Chlorine	1 mg/L
Insecticides/Pesticides	Absent
Total Kjeldahl Nitrogen	100 mg/L
Mercury	0.01 mg/L
Lead	0.1 mg/L
Cadmium	1 mg/L
Copper	3 mg/L
Nickel	3 mg/L

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Zinc	5 mg/L
Arsenic	0.2 mg/L
Selenium	0.05 mg/L
Boron	2 mg/L
Bio-Assay Test	90% survival of fish after 96 hours in 100% effluent

3.14.4 Unit shall maintain daily log book of quantity of water consumption, waste water generation and waste water sent to pipeline.

3.14.5 Industry shall provide fix pipeline with flow meter for reuse/recycling of treated effluent and outlet to ETP and maintain its record.

4. CONDITIONS UNDER THE AIR ACT:

4.1 Following shall be used as fuel:

Sr. No.	Fuel	Quantity
1.	Lignite	12 MT/Day

4.2 The flue gas emission through stack attached to Boiler & TFH shall conform to the following standards:

Stack No.	Stack Attached To	Stack height in meter	APCM	Parameter	Permissible Limit
1.	Boiler (03 TPH)	40	Multi Cyclone - Bag Filter	Particulate Matter	150 mg/Nm ³
2.	Thermic Fluid Heater (600 U)		Multi Cyclone System	SO ₂ , NO _x	100 ppm 50 ppm

4.3 The Process gas emission through stack attach to reaction vessel shall conform to the following standard:

Stack No.	Stack attached to	Stack height in meter	APCM	Parameter	Permissible Limit
1.	Reaction vessel -1	21	water scrubber followed by alkali scrubber	SO ₂ NO _x	40 mg/Nm ³ 25 mg/Nm ³
2.	Reaction vessel -2	21	Two stage water scrubber followed by two stage alkali scrubber	HCL Ammonia (NH ₃)	20 mg/Nm ³ 175 mg/Nm ³



GUJARAT POLLUTION CONTROL BOARD

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- 4.4 Ambient air quality within and outside the premises of the unit shall conform National Ambient Air Quality standards notified by MoEF vide notification dated 16/11/2009 and mainly in the following standards:

Sr. No.	Pollutant	Time Weighted Average	Concentration in Ambient air
1.	Sulphur Dioxide (SO ₂), µg/m ³	Annual 24 Hours	50 80
2.	Nitrogen Dioxide (NO ₂), µg/m ³	Annual 24 Hours	40 80
3.	Particulate Matter (Size less than 10 µm) OR PM ₁₀ , µg/m ³	Annual 24 Hours	60 100
4.	Particulate Matter (Size less than 2.5 µm) OR PM _{2.5} , µg/m ³	Annual 24 Hours	40 60

- 4.5 The applicant shall provide perches, 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 printed/ displayed to facilitate identification.

- 4.6 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 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.

5. Authorization under Rules 4(2) of Hazardous and other Wastes [Management & Transboundary Movement] Rules – 2016, [Form -2]

5.1 Number of authorization: AWH - 103512 Date of issue: 16/08/2019.

5.2 M/s. Anar Chemicals LLP is hereby granted an authorization to operate facility for following hazardous wastes on the premises situated at Plot No: 12, 14, Phase No: 1, GIDC-Vatva, Ahmedabad.

Sr. No.	Waste	Quantity	Schedule category	Facility
1.	Discarded Container Liners	600 No's/Year 2000 No's/Year	1-33.1	Collection, Storage, Decontaminators, Transportation Disposal by selling to authorized Decontaminators.
2.	ETP Sludge	400 MT/Year	1-35.3	Collection, Storage, Transportation and Disposal by selling to registered recycler.
3.	Used oil	0.04 MT/Year	1-5.1	Collection, Storage, Transportation & Disposal by selling Registered Re-refiners.
4.	Inorganic Acid (Spent Sulfuric Acid)	912 MT/Year	1-26.3	Collection, Storage, Transportation and Disposal at authorized TSDF.
5.	Oil & Grease	05 MT/Year	1-5.1	
6.	Solvent Residue	10 MT/Year	1-20.3	

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- 5.3 The authorization is granted to operate a facility for collection, storage, transportation and ultimate disposal of Hazardous wastes as above.
- 5.4 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.
- 5.5 The authorization shall be in force for a period of five years (i.e. up to 31/03/2024).
- 5.6 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.
- 5.7 An application for the renewal of an authorization shall be made as laid down in rule 5 (7) (ii).
- 5.8 Industry shall submit annual report within 15 days and subsequently by 31st January every year.
- 5.9 Industry shall have to manage waste oil, discarded containers etc as per the Rules 2016 and shall apply Authorization submit details for all the applicable waste as per the Rules 2016 within 15 days.
- 5.10 The person Authorized shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorization.
- 5.11 The person authorized shall implement Emergency Response Procedure (ERP) for which this authorization 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.
- 5.12 The person authorized 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."
- 5.13 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.
- 5.14 Annual return shall be filed by June 30th for the period ending 31st March of the year.
- 5.15 The authorization is granted to operate a facility for collection, storage, within the factory premises and treatment, transportation and ultimate disposal of Hazardous wastes as above.
- 6 GENERAL CONDITIONS:**
- 6.1 Any change in personnel, equipment or working conditions as mentioned in the consent form order should immediately be intimated to this Board.
- 6.2 The waste generator shall be totally responsible for collection, storage, transportation and ultimate disposal of the waste generated.



GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN

Sector-10-A, Gandhinagar 382 010

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- 6.3 In case of any accident, details of the same shall be submitted in Form - 5 to Gujarat Pollution Control Board.
- 6.4 As per "Public Liability Insurance Act - 91" company shall get insurance policy, if applicable.
- 6.5 Empty drums and containers of toxic and hazardous material shall be treated as per the guidelines published for "Management & Handling of discarded containers". Record of the same shall be maintained and forwarded to Gujarat Pollution Control Board regularly.
- 6.6 Unit shall take all concrete measures to show tangible results in waste generation reduction avoidance, reuse and recycle. Action taken in this regard shall be submitted within 03 months and also along with Form - 4.
- 6.7 Industry shall have to display the relevant information with regard to hazardous waste as indicated in the Hon. Supreme Court's order in W.P. No: 657 dated 14th October 2003.

For and on behalf of
Gujarat Pollution Control Board

(Rajeshkumar Parmar)
Environmental Engineer

NO: GPCB/ABD-CCA-VT-448(S)/ID: 10361/

Date:

ISSUED TO:

M/s. Anar Chemicals LLP,
(Old Name: M/s. Anar Chemicals Industries)
Plot No: 12, 14, Phase No: I,
GIDC-Vafra,
Ahmedabad - 382 445.

Outward No: 525732, 25/10/2019

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CCA No. : AWH – 109866 Dated - 21/10/2020 and CCA amendment AWH – 120228 Dated- 13/10/2022 and Valid Up to 31/03/2024.

Condition No.	Details	Compliance Status																																																																												
1.	CCA No. : AWH – 109866 Dated - 21/10/2020 and CCA amendment AWH – 120228 Dated- 13/10/2022 and Valid Up to 31/03/2024.	Noted																																																																												
2.	Consents shall be valid up to 31/03/2024 for use of outlet for the discharge of trade effluent & emission due to operation of industrial plant for manufacturing of the following products: <table border="1"> <thead> <tr> <th>Sr. No.</th><th>Product</th><th>Quantity in MT/Month</th></tr> </thead> <tbody> <tr> <td>1.</td><td>Naphthols</td><td>15</td></tr> <tr> <td rowspan="3">2.</td><td rowspan="3">Metal Phthalocyanines and its derivatives</td><td>Nickel Phthalocynine</td></tr> <tr> <td>0.42</td></tr> <tr> <td>Iron Phthalocynine</td></tr> <tr> <td></td><td></td><td>5.84</td></tr> <tr> <td></td><td></td><td>Blue 1000</td></tr> <tr> <td></td><td></td><td>8.75</td></tr> <tr> <td>3.</td><td>Intermediates</td><td>DAZN (BON DCA)</td></tr> <tr> <td></td><td></td><td>03</td></tr> <tr> <td>4.</td><td>R&D Products</td><td>R&D Products for dyes,intermediates, metal Phthalocyanines and specialty chemical</td></tr> <tr> <td></td><td></td><td>01</td></tr> <tr> <td rowspan="9">5.</td><td rowspan="9">Dyes (Direct, Acid their powder, Liquid Solvent dyes)</td><td>Solvent Green 33</td></tr> <tr> <td>13.34</td></tr> <tr> <td>Solvent Blue 79</td></tr> <tr> <td>4.17</td></tr> <tr> <td>Solvent Blue 98</td></tr> <tr> <td>33.34</td></tr> <tr> <td>Solvent Red 161</td></tr> <tr> <td>0.33</td></tr> <tr> <td>Solvent Red 19E</td></tr> <tr> <td></td><td></td><td>47.92</td></tr> <tr> <td></td><td></td><td>Solvent Red 164</td></tr> <tr> <td></td><td></td><td>47.92</td></tr> <tr> <td></td><td></td><td>Solvent Yellow 107</td></tr> <tr> <td></td><td></td><td>1.25</td></tr> <tr> <td></td><td></td><td>Solvent Yellow 124</td></tr> <tr> <td></td><td></td><td>3.33</td></tr> <tr> <td></td><td></td><td>Solvent Orange 98</td></tr> <tr> <td></td><td></td><td>5.84</td></tr> <tr> <td>6.</td><td>Ice</td><td>-</td></tr> <tr> <td></td><td></td><td>750</td></tr> </tbody> </table> Specific Condition: • Industry shall comply with the Solid Waste Management Rules-2016. • Industry shall obtain NOC from CGWA as per order of Hon. National Green Tribunal for the withdrawal of ground water if applicable. • Unit shall not carry out any activity without obtaining prior EC from competent authority under the provisions of EIA-Notification - 2006. • Unit shall not carry out production other than & exceeding consented quantity. • Unit shall not install any new plant machinery, ETP plant, flue gas stacks, process stacks in premises. • Unit shall receive industrial effluent of M/s. Anar Mcat Advanced Electronic Chemicals Pvt. Ltd.. Plot No: 12/1, Phase- 1, GIDC- Vatva.	Sr. No.	Product	Quantity in MT/Month	1.	Naphthols	15	2.	Metal Phthalocyanines and its derivatives	Nickel Phthalocynine	0.42	Iron Phthalocynine			5.84			Blue 1000			8.75	3.	Intermediates	DAZN (BON DCA)			03	4.	R&D Products	R&D Products for dyes,intermediates, metal Phthalocyanines and specialty chemical			01	5.	Dyes (Direct, Acid their powder, Liquid Solvent dyes)	Solvent Green 33	13.34	Solvent Blue 79	4.17	Solvent Blue 98	33.34	Solvent Red 161	0.33	Solvent Red 19E			47.92			Solvent Red 164			47.92			Solvent Yellow 107			1.25			Solvent Yellow 124			3.33			Solvent Orange 98			5.84	6.	Ice	-			750	Noted and complied
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	Ahmedabad-382445 for treatment at existing ETP. The liability of ETP Operation as well as treatment of effluent shall be of both the units. - Unit shall strictly obey/comply the Hon'ble Gujrat High court directions regarding WPIL 98 of 2021 from time to time. - Industry shall comply with all condition of Environment Clearance vide letter No: 1A-J- 11011/508/2006-IA-II (1) dated 24/07/2007. - As per Provisions of Rule 18 of Solid Waste Management Rules-2016 you shall explore possibility to make an arrangement in Utilities to replace at least five percent (5%) of your solid fuel requirement by 'refused derived fuel'. - Unit shall comply with Solid Fuel Guidelines as well as Coal handling guidelines of this Board. - Unit shall follow the Solid Fuel Guidelines which is published by Board for control, management and handling of fly ash. - The fly ash generated shall be collected and stored in fly ash silos. - The fly ash shall be utilized as per Fly Ash Notification-1999 and its subsequent amendments.	
3.	<u>CONDITIONS UNDER THE WATER ACT :</u>	
	Water Source: Bore Well.	Noted
	The quantity of water consumption for domestic propose, after proposed amendment, shall be unchanged (30 KLD)	Noted and complied
	The quantity of domestic effluent from the factory, after proposed amendment, shall be unchanged (30 KLD)	Noted and complied
	Domestic effluent shall be disposed off through septic tank/soak pit system.	Unit is utilizing sewage in aeration tank instead of disposed to soak pit and it's consider as positive impact but unit is suggested to obtain amendment for the same in CC&A under Water Act 1974
	The quantity of the water consumption for industrial purpose, after proposed expansion, shall be increase from 278.8 KLD to 303.8 KLD. (Including 69.8 KLD water requirement for sister concern unit M/s. Anar Meat Advanced Electronic Chemicals P Ltd PCB ID-43756)	Noted and complied
	The quantity of trade effluent from the factory, after proposed amendment, shall be unchanged (279.4 KLD) Out of which 01 KLD (0.5 KLD from M/s. Anar Chemicals LLP as well as 0.5 KLD from their sister unit M/s. Anar Mact Advanced Electronic Chemicals Pvt. Ltd) is further sent to Common Multi	Noted and complied

ENVIRONMENT AUDIT REPORT FOR APRIL 2023 TO MARCH 2024 OF
M/S ANAR CHEMICALS LLP

	Effect Evaporator (MEE) of The Green Environment Services Co. Op. Society Ltd, Vatva for further treatment.																																													
	Industrial effluent (278.4 KLD) after conforming to CETP inlet norms as below shall be discharged to CETP for further treatment of disposal.	Noted and complied																																												
	Industry shall provide separate collection, treatment and conveyance system with flow meter for diluted and concentrated streams	Noted																																												
	Industry shall provide fixed pipeline with different color coding & flow meter for collection & disposal of both the streams separately.	Noted																																												
	Industry shall maintain complete records about generation & disposal of both the streams separately and make it available at site	Noted and complied																																												
	Industrial effluent after conforming to CETP inlet norms as below shall be discharged to CETP for further treatment of disposal	Noted and complied																																												
3.1	TRADE EFFLUENT																																													
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ENVIRONMENT AUDIT REPORT FOR APRIL 2023 TO MARCH 2024 OF
M/S ANAR CHEMICALS LLP

	conveyed into CETP of The Green Environment Services Co. Op. Society Ltd (CETP), Vatva. In no case effluent shall be discharged in to Environment by any means.																																																													
3.14.3	In case of failure of CETP applicant shall have to treat the trade effluent of their unit fully as to achieve the quality of the treated effluent from their industrial premises as per the GPCB norms mentioned below and shall be discharged into GESCSL (CLIP) pipeline. <table><tr><th>PARAMETERS</th><th>OUTLET NORMS</th></tr><tr><td>pH</td><td>6.5 TO 8.5</td></tr><tr><td>Temperature</td><td>40 C</td></tr><tr><td>Colour (Pt. Co scale)</td><td>100 units</td></tr><tr><td>Suspended Solids</td><td>100 mg/L</td></tr><tr><td>Oil and Grease</td><td>10 mg/L</td></tr><tr><td>Fixed Dissolved Solids</td><td>2100 mg/L</td></tr><tr><td>Phenolic Compounds</td><td>1 mg/L</td></tr><tr><td>Sulphides</td><td>2.0 mg/L</td></tr><tr><td>Ammonical Nitrogen</td><td>50 mg/L</td></tr><tr><td>Total Chromium</td><td>2 mg/L</td></tr><tr><td>Hexavalent Chromium</td><td>0.1 mg/L</td></tr><tr><td>BOD (5 days at 20°C)</td><td>30 mg/L</td></tr><tr><td>COD</td><td>250 mg/L</td></tr><tr><td>Cyanides</td><td>0.2 mg/L</td></tr><tr><td>Fluoride</td><td>2 mg/L</td></tr><tr><td>Chlorides</td><td>600 mg/L</td></tr><tr><td>Sulphate</td><td>1000 mg/L</td></tr><tr><td>Insecticides/Pesticides</td><td>Absent</td></tr><tr><td>Total Kjeldahl Nitrogen</td><td>100 mg/L</td></tr><tr><td>Mercury</td><td>0.01 mg/L</td></tr><tr><td>Lead</td><td>0.1 mg/L</td></tr><tr><td>Cadmium</td><td>1 mg/L</td></tr><tr><td>Copper</td><td>3 mg/L</td></tr><tr><td>Nickel</td><td>3 mg/L</td></tr><tr><td>Zinc</td><td>5 mg/L</td></tr><tr><td>Arsenic</td><td>0.2 mg/L</td></tr><tr><td>Selenium</td><td>0.05 mg/L</td></tr><tr><td>Boron</td><td>2 mg/L</td></tr><tr><td>Bio-Assay Test</td><td>90% survival of fish after 96 hours in 100 % effluent</td></tr></table>	PARAMETERS	OUTLET NORMS	pH	6.5 TO 8.5	Temperature	40 C	Colour (Pt. Co scale)	100 units	Suspended Solids	100 mg/L	Oil and Grease	10 mg/L	Fixed Dissolved Solids	2100 mg/L	Phenolic Compounds	1 mg/L	Sulphides	2.0 mg/L	Ammonical Nitrogen	50 mg/L	Total Chromium	2 mg/L	Hexavalent Chromium	0.1 mg/L	BOD (5 days at 20°C)	30 mg/L	COD	250 mg/L	Cyanides	0.2 mg/L	Fluoride	2 mg/L	Chlorides	600 mg/L	Sulphate	1000 mg/L	Insecticides/Pesticides	Absent	Total Kjeldahl Nitrogen	100 mg/L	Mercury	0.01 mg/L	Lead	0.1 mg/L	Cadmium	1 mg/L	Copper	3 mg/L	Nickel	3 mg/L	Zinc	5 mg/L	Arsenic	0.2 mg/L	Selenium	0.05 mg/L	Boron	2 mg/L	Bio-Assay Test	90% survival of fish after 96 hours in 100 % effluent	Noted
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3.14.4	Unit shall maintain daily log book of quantity of water consumption, waste water generation and waste water sent to CETP.	Noted and complied																																																												
3.14.5	Industry shall provide fix pipeline with flow meter for reuse recycling of treated effluent and outlet to ETP and maintain its record.	Noted																																																												

ENVIRONMENT AUDIT REPORT FOR APRIL 2023 TO MARCH 2024 OF
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4.	<u>CONDITIONS UNDER THE AIR ACT :</u>						
4.1	Following shall be used as a fuel:					Noted and complied	
	Sr. No.	Fuel	Quantity				
	1.	White Coal	10.64 kg/day				
	2.	PNG	1000 SCM/day				
4.2	The flue gas emission through stack attached to Boiler & TFH shall conform to the following standards:					Unit is suggested to obtain amendment in existing CC&A for installed boiler having capacity of 03 TPH with its fuel utilization, D.G. Set under Air Act 1981	
	Sr No.	Stack attached to	Stack height	APCM	Parameter		Permissible Limit
	1.	Boiler (03 TPH)	40 m	Multi cyclone + Bag Filter	PM SO ₂ NO _x		150 mg/Nm ³ 100 ppm 50 ppm
	2.	Thermic Fluid heater (600 U)		Cyclone Separator			
	3	Gas Fired Boiler	40 m	-			
4.3	The Process gas emission through stack attach to reaction vessel shall conform to the following standard:					Noted and complied	
	Sr No.	Stack attached to	Stack height	APCM	Parameter		Permissible Limit
	1.	Reaction vessel - 1	21 m	Two stage Water scrubber followed by two stage alkali scrubber	HCl		20 mg/Nm ³
	2.	Reaction vessel - 2	21 m	Three stage Water scrubber followed by acidic dipping tank	Ammonia (NH ₃)		175 mg/Nm ³
4.4	Ambient air quality within and outside the premises of the unit shall conform National Ambient Air Quality standards notified by MoEF vide notification dated 16/11/2009 and mainly to the following standards.					No Ambient Air Quality Monitoring was carried out as per new guidelines issued by Gujarat Pollution Control Board regarding Environment Audit Scheme.	
	Sr. No.	Pollutant	Permissible Limit (microgram/m3)				
			Annual	24 Hours Average			
	1.	Particulate Matter (PM10)	60	100			
	2.	Particulate Matter (PM2.5)	40	60			
	3.	Sulphur Dioxide (SO ₂), µg/m ³	50	80			
	4.	Nitrogen Dioxide (NO _x), µg/m ³	40	80			
4.5	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.					Noted and complied	

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	and these shall be painted displayed to facilitate identification.																																		
4.6	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 and 70 dB (A) during night time. Daytime is reckoned in between 6a.m. and 10 p.m. and nighttime is reckoned between 10 p.m, and 6 a.m.	Noted																																	
•	Specific Conditions stipulated in Critically Polluted Areas (CPA) / Severely Polluted Areas (SPA)	Noted																																	
5.0	Authorization under Rules 6(2) of Hazardous and other Wastes [Management & Transboundary Movement] Rules-2016. [Form -2]																																		
5.1	Number of authorization: AWH-103512 Date of issue: 16/08/2019.	Noted																																	
5.2	M/s. Anar Chemicals LLP is hereby granted an authorization to operate facility for following hazardous wastes on the premises situated at Plot No: 12. 14. Phase No: I. GIDC-Vatva, Ahmedabad. <table><tr><th>Sr. No.</th><th>Type of Waste</th><th>Quantity</th><th>Category</th><th>Method of Storage, Handling & Disposal</th></tr><tr><td>1</td><td>Discarded Containers/ Liners</td><td>600 Nos./Year 2000 Nos./Year</td><td>I – 33.1</td><td>Collection, Decontamination, Storage, Transportation and Disposal by selling to authorized Decontaminators</td></tr><tr><td>2</td><td>ETP Waste</td><td>400 MT/Year</td><td>I – 35.3</td><td>Collection, Storage, Transportation and Disposal by selling to registered recyclers</td></tr><tr><td>3</td><td>Used Oil</td><td>0.04 MT/ Year</td><td>I – 5.1</td><td>Collection, Storage, Transportation, Disposal by selling to Registered Re - Refiners.</td></tr><tr><td>4</td><td>Inorganic Acid (Spent Sulfuric Acid)</td><td>912 MT/Year</td><td>I – 26.3</td><td rowspan="3">Collection, Storage, Transportation, and Disposal at Authorized TSDF Site</td></tr><tr><td>5</td><td>Oil & Grease</td><td>05 MT/Year</td><td>I – 5.1</td></tr><tr><td>6</td><td>Solvent Residue</td><td>10 MT/Year</td><td>I – 20.3</td></tr></table>	Sr. No.	Type of Waste	Quantity	Category	Method of Storage, Handling & Disposal	1	Discarded Containers/ Liners	600 Nos./Year 2000 Nos./Year	I – 33.1	Collection, Decontamination, Storage, Transportation and Disposal by selling to authorized Decontaminators	2	ETP Waste	400 MT/Year	I – 35.3	Collection, Storage, Transportation and Disposal by selling to registered recyclers	3	Used Oil	0.04 MT/ Year	I – 5.1	Collection, Storage, Transportation, Disposal by selling to Registered Re - Refiners.	4	Inorganic Acid (Spent Sulfuric Acid)	912 MT/Year	I – 26.3	Collection, Storage, Transportation, and Disposal at Authorized TSDF Site	5	Oil & Grease	05 MT/Year	I – 5.1	6	Solvent Residue	10 MT/Year	I – 20.3	Unit is suggested to obtain amendment in existing CC&A for Quantity of Discarded Containers, Solvent Residue & Used Oil under Hazardous Management Rules 2016
Sr. No.	Type of Waste	Quantity	Category	Method of Storage, Handling & Disposal																															
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5.3	The authorization is granted to operate a facility for collection, storage, transportation and ultimate disposal of Hazardous wastes as above.	Noted																																	
5.4	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.	Noted																																	
5.5	The authorization shall be in force for a period of five years (i.e. up to 31/03/2024).	Noted																																	
5.6	Any unauthorized change in personnel, equipment or working conditions as	Noted																																	

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M/S ANAR CHEMICALS LLP

	mentioned in the authorization order by the persons authorized shall constitute a breach of this authorization.													
5.7	An application for the renewal of an authorization shall be made as laid down in rule 5 (7) (ii).	Noted												
5.8	Industry shall submit annual report within 15 days and sub squinty by 31 January every year.	Noted												
5.9	Industry shall have to manage waste oil: discarded containers etc as per the Rules 2016 and shall apply Authorization submit details for all the applicable waste as per the Rules 2016 within 15 days.	Noted												
5.10	The person Authorized shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorization.	Noted												
5.11	The person authorized shall implement Emergency Response Procedure (ERP) for which this authorization 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.	Noted												
5.12	The person authorized 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"	Noted												
5.13	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.	Noted												
5.14	Annual return shall be filed by June 30th for the period ensuring 31 March of the year.	Noted												
5.15	The authorization is granted to operate a facility for collection, storage, within the factory premises and treatment, transportation and ultimate disposal of Hazardous wastes as above.	Noted												
Additional conditions under Air Act:														
a	Unit shall adhere to stringent air pollutants standards i.e. 80% of existing flue gas and process emission standards in the CPA.	Noted												
b	Unit shall adhere to stringent air pollutants standards i.e. 90% of existing flue gas and process emission standards in the SPA.	Noted												
c	Following air pollution control measures shall be provided for the flue gas emission sources like Boiler, Thermic Fluid Heaters etc. (As Applicable) <table border="1"><tr><td colspan="2">Stipulated APCM in Red /Orange category industrial units of CPA/SPA</td></tr><tr><td>Steam generation capacity (in TPH)</td><td>Type of APCM</td></tr><tr><td>Less than 1</td><td>Multi Cyclone</td></tr><tr><td>1 to 3</td><td>Multi Cyclone+ Water Scrubber</td></tr><tr><td>3 to 6</td><td>Bag filter Water Scrubber</td></tr><tr><td>6</td><td>ESP+ Water Scrubber</td></tr></table>	Stipulated APCM in Red /Orange category industrial units of CPA/SPA		Steam generation capacity (in TPH)	Type of APCM	Less than 1	Multi Cyclone	1 to 3	Multi Cyclone+ Water Scrubber	3 to 6	Bag filter Water Scrubber	6	ESP+ Water Scrubber	Noted
Stipulated APCM in Red /Orange category industrial units of CPA/SPA														
Steam generation capacity (in TPH)	Type of APCM													
Less than 1	Multi Cyclone													
1 to 3	Multi Cyclone+ Water Scrubber													
3 to 6	Bag filter Water Scrubber													
6	ESP+ Water Scrubber													
d	Unit shall provide at least two stage scrubbing system of appropriate media	Noted												

ENVIRONMENT AUDIT REPORT FOR APRIL 2023 TO MARCH 2024 OF
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	for the control of the process gas emission.	
e	Unit shall install and commission Continuous Emission Monitoring System-CEMS (as per CPCB guidelines for relevant parameters) which shall be connected with GPCB/CPCB server (In case of large and medium red category industries)	Noted
f	The unit shall adhere to Sector specific guidelines/ SOP published by GPCB/CPCB from time to time for effective fugitive emission control. (like guidelines for: Stone crushing units, Coal handling units, spent solvent handling and management, spent acid management, Decontamination of drums, containers etc.)	Noted
g	Unit shall take adequate measures to control odour nuisance from the industrial activities which may include measures like use of masking agent with atomizer system (water curtain), closed automatic material handling system, containment of the odour vulnerable areas etc.	Noted
h	Unit shall provide green belt of 40% of the plot area, using concept of the social forestry and development of green belt outside project premises in adjacent areas	Noted
i	Unit shall provide Wall to Wall carpeting in vehicle movement areas within premises to avoid dusting	Noted
	Additional conditions under the Water Act:	
1.	Unit shall only use treated effluent for preparation of lime and other slurry in ETP. No fresh water shall be utilized in ETP.	Noted
	In case of Large and Medium Red Category industry, the unit shall install system for continuous monitoring of effluent quality / quantity as per CPCB guidelines for relevant parameters (like pH, Flow Temperature, TOC COD, NH-N etc.) and shall be connected to GPCB server. In case, if the industry is a member of CETP, unit shall install flow meter	Noted
	If the water consumption of the unit is more than 50 KLPD. Unit shall submit detailed water harvesting plan (off site)	Noted
	The unit shall explore Techno-Economic feasibility of Zero Liquid Discharge (ZLD) and if feasible, ZLD should be adopted	Noted
	Additional conditions under the Hazardous Waste Management Rules:	
1.	Unit shall strictly carry out handling, storage and disposal of fly-ash, slag, red-mud, de-inking sludge etc.. (High Volume- Low Effect Wastes) as per prevailing guidelines and its disposal at designated locations approved by the Board.	Noted
2.	Industry shall dispose its hazardous wastes through co-processing, pre-processing to the extent possible prior its disposal to incineration/ landfill as per provisions of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.	Noted
3.	Unit shall carry out transportation of hazardous wastes through GPS mounted vehicles only.	Noted
6.0	GENERAL CONDITIONS:	

ENVIRONMENT AUDIT REPORT FOR APRIL 2023 TO MARCH 2024 OF
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6.1	Any change in personnel, equipment or working conditions as mentioned in the consents form order should immediately be intimated to this Board.	Noted
6.2	The waste generator shall be totally responsible for collection, storage, transportation and ultimate disposal of the waste generated.	
6.3	In case of any accident, details of the same shall be submitted in Form 5 to Gujarat Pollution Control Board.	
6.4	As per "Public Liability Insurance Act 91" company shall get insurance policy. if applicable.	
6.5	Empty drums and containers of toxic and hazardous material shall be treated as per the guidelines published for "Management & Handling of discarded containers". Record of the same shall be maintained and forwarded to Gujarat Pollution Control Board regularly.	
6.6	Unit shall take all concrete measures to show tangible results in waste generation reduction avoidance, reuse and recycle. Action taken in this regard shall be submitted within 03 months and also along with Form 4.	
6.7	Industry shall have to display the relevant information with regard to hazardous waste as indicated in the Hon. Supreme Court's order in W.P. No: 657 dated 14th October 2003.	
6.8	Unit shall submit report of compliance of the conditions of EC every year to the Board prepared by third party	
6.9	Unit shall enhance CER fund allocation to at least 15 times the slabs given in the OM dated 01.05.2018 for SPA and 2 times for CPA in case of Environmental Clearance.	



ANAR CHEMICALS LLP

Solar Street Light

Our Company primacies 3 nos. 30 watt Solar street light installation. 1nos. Solar street light installation date 21/2/23 and 2nos. Solar street light installation date 12/5/2023.

SOLAR MODULES – 80Wp Solar Module Usha Make

Battery - 30 ah lifpo4 battery, DAS Make

LED Model - Suntech Make, Glass Model

Solar Street Light installation location :-1)Gate-2 near 2)DG Room near 3) Collection sump near

Solar Street light power generation 10 Hrs.

- 30 watt x 3 nos. = 90 watt
- 90 watt x 10 hrs/Day = 900 watt
- 900 watt x 30 day = 27000 watt
- 27 kw saving per month

Prepared By

Electrical Manager Hiren Patel



ALPHA ENVIROCHEM SERVICES

Environmental Consultancy & Laboratory
GPCB Authorised Schedule-II Environmental Auditor
Email id : alphaenvirochem3@gmail.com, bsranaenviri@gmail.com

Annexure-20

Test Report – Noise Report

Report / Certificate No.	AES/Noise/24-25/006	Report Issue date	16/09/2024,
Date of Sampling	03/09/2024		11:00 am to 6:00 pm
Date of receipt of sample in lab	04/09/2024	Sample Id	ACL/006
Date of Test	05/09/2024	Sampling By	AES Team
Name and address of customer	M/s. Anar Chemicals LLP, Plot No: 12, 14, phase No: 1, GIDC Estate, Vatva, Ta & Dist – Ahmedabad – 382445.	Condition of the sample during the receipt	Normal
Measurement Instrument	Noise Level Meter		
Sr. No.	Location	Test Results (dB)	Permissible Limits (dB) Day Time
1.	Near Main Gate	62	75
2.	Near Office Area	55	75
3.	Near Raw Materials Storage Area	58	75
4.	Near Manufacturing Plant-Solvent Dyes	60	75
5.	Near Blue Plant	58	75
6.	Near ETP	61	75
7.	Near Boiler	70	75
8.	Near Gardening	59	75
9.	Near Maintenance Room	62	75
10.	Near Rest Room	57	75
Remarks → • Test results relates to the sample tested only. • Our liability is limited to invoice value only. • No complaint will be entertained if received after 7 days of issue of the report..			



Annexure-21

Name	2024-25	Exemption	P A N	PURPOSE OF DONATION
		u/s		
DR. JIVRAJ MEHTA SMARAK HEALTH FOUNDATION	550,000	80 G(5)	AAATD1123C	DIALYSIS CARE
DR. JIVRAJ MEHTA SMARAK HEALTH FOUNDATION	550,000	80 G(5)	AAATD1124C	DIALYSIS CARE
AMA for Municipal Student	20,000			
	1,120,000			

Annexure-22

FORM – 4

[See rules 6(5), 13(8), 16(6) and 20 (2)]

FORM FOR FILING ANNUAL RETURNS

[To be submitted to State Pollution Control Board by 30th day of June of every year
for the preceding period April to March]

(April - 2023 to March - 2024)

1. Name and address of facility : M/s. Anar Chemical LLP,
Plot No: 12, 14, Phase No: I,
GIDC - Vatva,
Ahmedabad - 382 445
2. Authorization No. and Date of issue : Consent Order No: AWH-103512 dated
16/08/2019, valid up to 31/03/2024. (Renewal
Application in Process)
3. Name of the authorised person and full address with telephone, fax number and e-mail : Mr. Naineshbhai Parikh
Plot No: 12,14, Phase No: I,
GIDC - Vatva,
Ahmedabad - 382 445.
+91 8347293839
nainesh@anarchem.com
4. Production during the year (product wise), wherever applicable : Please refer **Annexure - I**.

PART A.

TO BE FILLED BY HAZARDOUS WASTE GENERATORS

1. Total quantity of waste generated category wise : Please refer **Annexure – II**.
2. Quantity dispatched : Please refer **Annexure – III**.
 - (i) to disposal facility
 - (ii) to recycler or co-processors or pre-processor
 - (iii) others
3. Quantity utilised in-house, if any : NA
4. Quantity in storage at the end of the year : Please refer **Annexure – IV**.

REGD. OFFICE :

CHITRAKOOT, Opp. C.N. Vidhyalaya, B/h. Shakuntal Complex,
Ambawadi, Ahmedabad-380 006. INDIA. Tel : +91 79 2646 1494
E-mail : sales@anarchem.com Website : www.anarchem.com

FACTORY:

Plot No. 12 + 12/A + 14/A + 14/B, GIDC Estate,
Phase-1, Vatva, Ahmedabad - 382 445. INDIA.
Tel : +91 99099 04233

PART B.
TO BE FILLED BY TREATMENT, STORAGE AND DISPOSAL FACILITY
OPERATORS

1. Total Quantity Received: NA
2. Quantity in Stock at the beginning of the Year: NA
3. Quantity Treated: NA
4. Quantity Disposed in Landfills as such and after treatment: NA
5. Quantity Incinerated (If Applicable): NA
6. Quantity Processed other than Specifies Above: NA
7. Quantity in Storage at The End of the Year: NA

PART C.
TO BE FILLED BY RECYCLERS OR CO-PROCESSRS OR OTHER
USERS

1. Quantity of waste received during the Year
 - (i) Domestic Sources: NA
 - (ii) Imported (If Applicable): NA
2. Quantity in Stock at the Beginning of the Year: NA
3. Quantity Recycled or Co Processed or Used: NA
4. Quantity of Products Dispatched (Wherever Applicable): NA
5. Quantity of Waste Generated: NA
6. Quantity of Waste Disposed: NA
7. Quantity Re - Exported (Wherever Applicable): NA
8. Quantity in Storage at the End of the Year: NA



For, **M/s. Anar Chemical LLP.**

Place : Ahmedabad

Date : 16/05/2024

Signature :

Name :

A handwritten signature in blue ink, appearing to read "N. R. Parikh".

Mr. Naineshbhai Parikh

Annexure - I

Sr. No	Product Name	Qty in KG	Qty In MT
LSD - Dye (Direct / Acid their powder / Liquid Solvent Dye and their Mixture)			
1	AUTOMATE RED 9B HF	8259	8.259
2	BLUE DYE HF 2	18930	18.93
3	BLUE DYE HF-1	9709	9.709
4	GREEN HF-1	5271	5.271
5	MARKER-7	43786	43.786
6	RED DYE 1	178537	178.537
7	RED HF-2 AUTOMATE RED IKHF	47111	47.111
8	RED HF-3	3158	3.158
9	SOLVENT BLUE MX (XY)	5177	5.177
10	SOLVENT ORANGE 98 (H-38)	3249	3.249
11	SOLVENT ORANGE A-II	16201	16.201
12	SOLVENT RED 164 (H-38)	5632	5.632
13	YELLOW HF 1	10149	10.149
14	YELLOW HF 2	6119	6.119
15	SOLVENT BLUE - 79 (HF)	179281	179.281
16	SOLVENT BLUE - 79 (XY)	4257	4.257
17	SOLVENT BLUE - 98 (HF)	64696	64.696
18	SOLVENT BLUE - 98 (XY)	4571	4.571
19	SOLVENT BLUE 79B (IPM)	1906	1.906
20	SOLVENT ORANGE - 98 (HF)	19088	19.088
21	SOLVENT ORANGE - 98 (XY)	2190	2.19
22	SOLVENT RED - 164 (HF)	328345	328.345
23	SOLVENT RED - 164 (XY)	8760	8.76
24	SOLVENT RED 164 (TOLUNE)	1909	1.909
25	SOLVENT RED 164.1	3575	3.575
26	SOLVENT RED 19E (HF) VERGINE	241371	241.371
27	SOLVENT RED 19E - (TOLUENE)	4793	4.793
28	SOLVENT YELLOW - 107 (HF)	109052	109.052
29	SOLVENT YELLOW - 107 (XY)	33981	33.981
30	SOLVENT YELLOW 126	2455	2.455
TOTAL		1371518	1371.518
NAP - Naphthols			
32	NAPHTHOL ASCL	96674	96.674
32	NAPHTHOL ASCL (XY)	19831	19.831
33	NAPHTHOL ASLC	482	0.482
TOTAL		116987	116.987
PHP - Metal Phthalocynines and Its Derivatives			
34	IRON PHTHALOCYANINE	36166	36.166
TOTAL		36166	36.166
PILOT-PLANT - R&D Product			
35	ANAR 2051	107	0.107

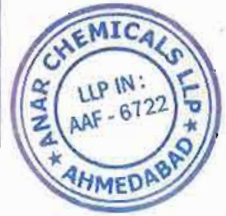


36	CATIONIC BLUE PURIFICATION	70	0.07
37	SOLVENT ORANGE 98 B (IPM)	97	0.097
38	NAPTHOL AS LC PURIFICATION	0	0
39	SOLVENT ORANGE - 98 (XY)	143	0.143
TOTAL		417	0.417
TOTAL		1525088	1525.088



Annexure - II

Haz. Waste Generation Qty. of 2023-24						
Type of Waste	Used or Spent OIL (MT)	Solvent Residue (MT)	Empty Drums (Nos)	liners (MT)	ETP Sludge (MT)	
Month						
Category	5.1	20.3	33.11	33.13	35.3	
Apr-23	0	0	180	0.30	35.0	
May-23	0	0	175	0.10	14.0	
Jun-23	0	0	310	0.12	14.0	
Jul-23	0	0	90	0.21	28.0	
Aug-23	0.18	0	380	0.11	32.0	
Sep-23	0	0	280	0.16	30.0	
Oct-23	0	22.03	180	0.19	32.0	
Nov-23	0	1.7	270	0.29	40.0	
Dec-23	0	0	298	0.22	14.0	
Jan-24	0	0	340	0.13	16.0	
Feb-24	0	1.5	400	0.26	12.0	
Mar-24	0	12.92	180	0.18	20.0	
Total	0.18	38.15	3083	2.270	287.000	



Annexure - III

Haz. Waste Disposal Qty. of 2023-24							
Type of Waste	Used or Spent OIL (MT)	Solvent Residue (MT)	Empty Drums (Nos)	liners (MT)	ETP Sludge (MT)		
Month							
Category	5.1	20.3	33.11	33.13	35.3		
Apr-23	0	0	145	0.23	31.92		
May-23	0	0	160	0	25.43		
Jun-23	0	0	441	0	0		
Jul-23	0	0	70	0	0		
Aug-23	0.28	0	361	0	0		
Sep-23	0	0	298	0	0		
Oct-23	0	22.03	148	0.30	59.10		
Nov-23	0	0	243	0.25	106.33		
Dec-23	0	0	257	0.30	27.60		
Jan-24	0	0	309	0	21.35		
Feb-24	0	0	364	0.275	0.00		
Mar-24	0	12.92	148	0	23.78		
TOTAL	0.280	34.950	2944.000	1.355	295.510		



Annexure - IV

Haz. Waste Stock Qty.		
Type of Waste	Category	2023-24
Used or Spent OIL (MT)	5.1	0.00
Solvent Residue (MT)	20.3	6
Inorganic Acid (Spent Sulfuric Acid) (MT)	26.3	0
Empty Drums (Nos)	33.11	568
liners (MT)	33.13	0.915
ETP Sludge (MT)	35.3	11.12



Annexure-22

FORM – V (See Rule 14) 5

From: M/s. Anar Chemical LLP,
Plot No: 12, 14, Phase No: I,
GIDC - Vatva,
Ahmedabad - 382 445

To,
Gujarat Pollution Control Board,
Sector 10 - A
Gandhinagar - 382 010

ENVIRONMENTAL STATEMENT for the financial year ending the 31st March 2024

Submission of Environmental Statement is in accordance with the provisions of Rule -14 of the Environment (Protection) Amendment Rules, 1993 of the Environment (Protection) Act, 1986 (29 of 1986) published vide Notification dated 22-4-1993 G.S.R 386 (E) in the Gazette of India - Extraordinary -Part - II Section - 3 Subsection (i), No. 155 dated 28-4-1993 by the Ministry of Environment and Forests, Government of India; read with the Notification dated 13-2-1993 G.S.R 329 (E) of the Gazette of India - Extraordinary Part - II Section - 3 Subsection (i) No. 120 dated 13-3-1993.

"Every person carrying on an industry, operation or process requiring Consent under Section - 25 of the Water (Prevention and Control of Pollution) Act, 1974 (6 of 1974) or under Section - 21 of the Air (Prevention & Control of Pollution) Act, 1981 (14 of 1981) or both or authorization under the Hazardous Wastes (Management and Handling) Rules, 1989 Published under the Environment (Protection) Act, 1986 (29 of 1986) shall submit an Environmental Statement for the financial year ending the 31st March in Form -V to the concerned State Pollution Control Board on or before the Thirtieth day of September every year, beginning 1993"

REGD. OFFICE :

CHITRAKOOT, Opp. C.N. Vidhyalaya, B/h. Shakuntal Complex,
Ambawadi, Ahmedabad-380 006. INDIA. Tel : +91 79 2646 1494
E-mail : *Form V* sales@anarchem.com Website : www.anarchem.com

FACTORY :

Plot No. 12 + 12/A + 14/A + 14/B, GIDC Estate,
Phase-1, Vatva, Ahmedabad - 382 445. INDIA.
Tel : +91 99099 04233 *Page 1*

PART – A

- (i) Name and address of the owner / occupier of the industry operation or process

List of Directors		
Sr. No.	Name	Designation
1	Ajaybhai N. Choksi	President
2	Sanjaybhai N. Choksi	President

- (ii) Industry category -
Primary – (STC Code) : Medium , Red
Secondary – (STC Code) : ---
- (iii) Production capacity Units : Annexure -I
- (v) Year of establishment : 1979
- (vi) Date of the last Environment Statement : 13.04.2023
submitted

PART – B

Water and Raw Material Consumption

- (i) Water Consumption m³/day

Process : 189 KLD

Name of Products	Process water consumption per unit of product output	
	During the previous financial year [April 2022 to March 2023]	During the current financial year [April 2023 to March 2024]
	(1)	(2)
Naphthols	42.794 m ³ /MT of the product	44.53 m ³ /MT of the product*
Metal Phthalocynines and Its Derivatives		
Intermediate		
R&D Products		
Dye (Direct / Acid their powder / Liquid Solvent Dye and their Mixture)		
Ice		

- (ii) Raw Material Consumption

Name of raw Materials	Name of Products	Consumption of raw material per unit of output (MT/MT of product output)	
		During the previous financial year [April 2022 to March 2023]	During the current financial year [April 2023 to March 2024]
Annexure - II			

Part – C

Pollution discharged to environment / unit of output

Pollutants	As consent norms	per	Quantity of pollutants discharged (Kg / day)	Concentrations of pollutants in discharges	Percentage of variation from standards prescribed with reasons
(a) Water					
pH	6.5 to 8.5	--		8.32	Under the limit CETP inlet Norms.
Temperature	40°C	--		28	
Colour (pt.co.scale) in unite	100 units	--		70	
Suspended Solid	300 mg/L	--		103.2	
Oil & Grease	10 mg/L	--		7.24	
Phenolic compound	1 mg/L	--		BDL	
Sulphide	2 mg/L	--		BDL	
Ammonical Nitrogen	50 mg/L	--		35.56	
Total Chromium	2 mg/L	--		BDL	
Hexavelent Chromium	0.1 mg/L	--		BDL	
BOD (3 days at 27°C)	500 mg/L	--		103.2	
COD	1500 mg/L	--		461.3	
Fixed Dissolved Solid	2100 mg/L	--		BDL	
Mercury	0.01 mg/L	--		BDL	
Lead	0.1 mg/L	--		BDL	
Cadmium	1 mg/L	--		BDL	
Copper	3 mg/L	--		BDL	
Nickel	3 mg/L	--		BDL	
Zinc	5 mg/L	--		BDL	
Arsenic	0.2 mg/L	--		BDL	
Selenium	0.05 mg/L	--		BDL	
Boron	2 mg/L	--		BDL	
(b) Air					
	Permissible Limit		Concentration of pollutant		
Sulphur Dioxide (SO ₂)	100 PPM		24.4 PPM		
Oxides of Nitrogen (NO _x)	40 PPM		9.12 PPM		
Particulate Matter (PM)	150 mg/Nm3		65.0 mg/Nm3		

(Parameter as specified in the Consent issued)

Part – D

Hazardous Wastes

[As specified under Hazardous Wastes and Other Wastes (Management and Transponder Movement) Rules, 2016]

Hazardous Wastes	Total Quantity	
	During the previous financial year [April 2022 to March 2023]	During the current financial year [April 2023 to March 2024]
a) From Process		

Annexure - III

Part – E
Solid Wastes

Solid Wastes	Total Quantity (Kg.)	
	During the previous financial year [April 2022 to March 2023]	During the current financial year [April 2023 to March 2024]
a) From Process	We recycle the waste water and reuse.	We recycle the waste water and reuse 5088 M ³ / year in further process
b) From pollution control facilities	We reuse the empty drums within our premise. And 1598 Nos of drums to send GPCB Authorized recycle.	We reuse the empty drums within our premise. And 2944 Nos of drums to send GPCB Authorized recycle.
c) 1) Quantity recycled or re- utilized within the unit. 2) Sold 3) Disposal	—	—

Part – F

Please specify the characterizations (in terms of composition and quantum) of hazardous as well as solid wastes and indicate disposal practice for both these categories of wastes.

Description of Hazardous /Solid Wastes	Mode of collection & disposal
ETP Waste	Collection, Storage, Transportation & Disposal at authorized TSDF site.
Used Oil	Collection, Storage Transportation and Disposal by selling to Registered Re-Refiners.
Discarded Containers / Liner	Collection, storage, decontamination & Transportation Disposal by selling to authorized recycler.
Inorganic Acid (Spent Sulfuric Acid)	Collection, Storage and sell to calcium sulfate manufacturing unit which in turn will sell it to cement manufacturing unit.
Oil & Grease	Collection, Storage, Transportation & Disposal at authorized TSDF site.
Solvent residue	Collection, Storage, Transportation & Disposal at authorized common waste incinerator.

Part – G

Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production.

Not Applicable

Part – H

Additional measures / investment proposal for environmental protection including abatement of pollution / prevention of pollution.

Not Applicable

Part – I

Any other particulars for improving the quality of the environment.

Not Applicable



For, M/s. Anar Chemical LLP.

A handwritten signature in blue ink, appearing to read "N. R. Parikh".

(Signature of a person carrying out an
Industry–Operation or Process)

Date: 16/05/2024

Name : Mr. Nainesh parikh

Address: M/s. Anar Chemical LLP.
Plot No: 12, 14, Phase No: i,
GIDC - Vatva,
Ahmedabad - 382 445
Gujarat

Annexure - I

Sr. No.	Product	Quantity (MT/Year)
1	Naphthols	180
2	Metal Phthalocynines and Its Derivatives	180
3	Intermediate	36
4	R&D products for dye, intermediatet, metal phthalocynines, and specialy chemicals)	12
5	Dye (Direct / Acid their powder / Liquid Solvent Dye and their Mixture)	1889



Semi Finish Item / Batch Wise, Month Wise Raw Material Issue

Report Period From 01/04/2023 To 31/03/2024

Annexure - II

Product Name	Apr-2023	May-2023	Jun-2023	Jul-2023	Aug-2023	Sep-2023	Oct-2023	Nov-2023	Dec-2023	Jan-2024	Feb-2024	Mar-2024	Total
(INTER) EMBN ANAR	0	9280	6960	9280	10440	5803	16240	3480	12760	11000	11600	14039	111479
(INTER) EMBN DOW	0	0	0	0	0	0	7036	0	3485	0	0	0	10521
(INTER) EMBN NEAT	0	764	382	1146	0	0	0	0	0	0	0	5	2298
(INTER) HBN XYLENE ANAR	0	0	0	0	0	0	0	0	4180	2080	0	0	6240
(INTER) HBN DOW	0	0	18723	6240	10400	18720	2080	20800	14560	6240	6240	20800	124803
(INTER) HBN HX ANAR	5820	21340	5820	15520	28850	3880	32980	0	21340	34520	17460	27160	215090
(INTER) HBN TOLUENE	0	861	1428	0	0	0	0	0	861	0	0	0	3150
(INTER) MIXED TOLUENE	1838	6738	7756	6738	12250	6738	11025	6125	12863	12863	7350	14700	106981
(SEMI) BLUE DYE HF-1 DOW	0	0	3551	0	0	0	0	0	0	0	0	0	3551
(SEMI) RED DYE 1	8600	0	0	3900	0	4200	4000	2400	0	0	6844	0	29944
(SEMI) RED HF-2 (DOW) ALTIMATE DEN BLUE	0	0	0	0	0	0	0	0	0	0	1606	0	1606
(SEMI) SOLVENT ORANGE 98 F.L.201	0	0	0	0	0	0	0	0	0	4363	0	0	4363
(SEMI) SOLVENT RED 164 (H-38)	0	0	0	0	0	0	0	0	0	5169	0	0	5169
(SEMI) YELLOW HF 1 DOW	0	0	1272	0	0	0	0	0	0	0	0	0	1272
(SEMI) SOLVENT RED - 164 (XY)	0	0	0	0	0	0	0	0	3700	0	0	0	3700
2-ETHYLBENZYL ALCOHOL	140	80	190	450	350	90	97	0	60	25	175	95	1752
2-ETHYLBENZYL AMINE	2850	7023	9540	8050	3800	3700	4700	3332	3418	6980	950	3700	58031
2-PHENYL-2-DIMETHYL-2-PROPIONYL-1-PROPANOL	0	32	0	0	0	0	0	0	32	0	0	0	64
2,6 DIETHYL ANILINE	0	302	0	0	0	0	0	0	300	0	0	0	602



Semi Finish Item / Batch Wise,Month Wise Raw Material Issue

Report Period From 01/04/2023 To 31/03/2024

	Apr-2023	May-2023	Jun-2023	Jul-2023	Aug-2023	Sep-2023	Oct-2023	Nov-2023	Dec-2023	Jan-2024	Feb-2024	Mar-2024	Total
3 METHOXY PROPYL AMINE	0	128	0	319	0	0	0	0	0	317	0	0	764
3-(2-ETHYLHEXYLOXY) PROPYL AMINE (3-EPHDA)	0	213	0	0	0	0	0	0	0	0	0	0	213
3-METHYL-1-PHENYL-5-PYRAZOL AMINE	0	0	505	0	0	0	0	0	301	0	0	1508	2714
4 CHLORO 2,5DIMETHOXY ANILINE	24	0	0	0	302	0	0	0	0	0	0	0	326
ACETIC ACID	0	19	300	0	0	0	0	0	0	0	0	0	319
AMMONIUM MOLYBDATE	18	9	36	66	42	18	24	6	12	0	38	42	311
ANAR BST 4	0	5400	3900	5700	5400	3000	8400	1800	5600	6000	6000	7200	59400
ANAR ICE	117410	221520	266500	304840	351730	227520	400450	201950	355919	314920	63783	303980	3130522
ANAR OPL 3	3056	437	1310	3492	1310	1528	3056	2183	2183	3710	3929	218	26408
ANAR SV-3	0	0	0	0	0	0	0	30	0	0	4	0	34
ANAR YG 3	0	0	2272	0	5174	1156	0	0	1842	1800	3424	2158	17825
ANILINE OIL	499	1829	2105	1829	3328	1829	2993	1663	3491	3491	1995	3990	29041
A-Y-42	47	166	240	178	334	173	268	173	348	331	205	282	2745
A-Y-43	0	0	0	0	0	0	0	0	0	100	90	0	190
A-Y-44	0	0	0	0	0	0	0	0	0	0	0	183	183
BON ACID (IMP)	0	2370	11475	7650	3900	8500	50	0	5	0	0	0	33950
BON ACID (LOCAL)	2824	6555	0	1700	0	0	4625	4675	10620	2475	1125	3749	38348
BON DISODIUM BUTYL CAPELL CAUTION BOTAN	0	0	0	0	0	0	0	0	0	5810	0	0	5810
2146	2146	304	300	1923	828	0	0	0	0	0	0	0	5502
3952	3952	10617	18042	19293	15462	11087	17906	6746	17443	12936	17818	18915	169228



Semi Finish Item / Batch Wise, Month Wise Raw Material Issue

Report Period From 01/04/2023 To 31/03/2024

	Apr-2023	May-2023	Jun-2023	Jul-2023	Aug-2023	Sep-2023	Oct-2023	Nov-2023	Dec-2023	Jan-2024	Feb-2024	Mar-2024	Total
DBSA	24	16	43	80	72	31	32	0	24	0	56	69	452
DMF(RAW MATERIAL)	42	0	0	0	60	0	0	0	0	0	0	0	102
EDTA (DILSODIUM SALT)	35	95	125	135	51	104	70	50	125	35	15	56	896
FAST RED R BASE	2198	6690	8350	8350	2836	6352	4009	3345	8359	2356	957	3195	56977
FERRIC CHLORIDE ANH	600	400	1200	2200	1400	600	800	195	390	0	1390	1800	10975
HCL (HYDRO CHLORIC ACID) S.P.	11282	30039	36230	37764	55580	30133	53532	25468	57162	60730	46220	57299	504438
HF - A 150 ND	15715	2141	0	0	0	0	0	0	0	0	0	0	17856
HF - A 150 (GAROSOL 150 ND)	0	15878	25015	27975	25725	17397	52992	14563	36810	19570	29070	21015	281010
HF-A 150	0	0	0	0	0	0	0	0	0	12315	0	0	12315
HYDROCAL 38-D	8371	0	0	2085	0	0	0	0	0	0	0	0	10456
HYDROCAL 45-D	0	0	1415	239	0	0	0	0	0	0	0	1665	3319
ICE	21000	12000	49500	99000	67200	27000	39000	11330	18000	16910	229790	128590	719320
ISO PROPYL ALCOHOL	0	470	0	0	0	0	0	0	0	0	0	0	470
ISO PROPYL MYRISTATE	0	1972	527	0	0	0	0	52	1675	0	6	1855	6087
LEUCO QUINIZARINE	0	0	0	0	0	0	0	500	0	0	0	0	500
LEUCO QUINIZARINE 96% (ADV)	0	0	2008	2635	1300	1250	1600	800	1275	1632	0	0	12500
LEUCO QUINIZARINE 96% (IMP)	920	2219	962	0	0	0	0	0	0	795	308	1216	6420
	121	418	682	443	805	443	684	443	820	845	523	966	7193
	26	96	111	98	175	96	158	92	175	193	105	231	1555
	0	0	0	566	0	0	0	0	0	467	0	0	1033



Semi Finish Item / Batch Wise,Month Wise Raw Material Issue

Report Period From 01/04/2023 To 31/03/2024

	Apr-2023	May-2023	Jun-2023	Jul-2023	Aug-2023	Sep-2023	Oct-2023	Nov-2023	Dec-2023	Jan-2024	Feb-2024	Mar-2024	Total
MIX XYLIDINE (IMP)	0	0	0	0	144	0	0	0	0	0	96	0	240
MIX XYLIDINE (LOCAL)	0	0	0	0	0	0	0	0	0	0	0	0	0
MIX XYLIDINE-D	0	0	422	0	0	0	0	3	633	0	0	0	1058
MIX-XYLENE	335	0	6211	3720	2169	8177	314	3299	3085	5473	645	3940	37366
MMA (MONO METHYLAMINE)	510	1140	1458	1168	680	580	800	680	630	1140	170	580	9536
MPRL ARDSOL 200 ULND	0	0	2000	2691	0	0	0	0	3378	0	0	0	8069
MPRL LUBEDOL - 38	0	0	0	1766	0	4058	3974	2513	3341	1279	8274	0	25205
N PENTYL AMINE (MAA-LOCAL)	0	260	1376	1359	0	500	250	0	250	503	0	500	4998
N-BUTYL AMINE (ADV)	219	0	0	0	0	0	0	0	0	885	228	456	1788
N-BUTYL AMINE (IMP)	485	1374	1140	912	912	456	912	912	684	483	0	0	8250
NONYL PHENOL	7296	1918	4437	8867	3849	3938	7516	5710	5400	10158	8680	1085	68854
PCL3 (PHOSPH. TRI CHLORIDE)	824	2474	3077	3086	1152	2381	1500	1248	3125	869	330	1100	21166
PHTHALIC ANHYDRIDE	2100	1400	4200	7700	6900	2100	2800	700	1400	0	4800	6300	38500
PURE SALT	2424	9050	10631	9038	16160	8888	14544	8080	17200	17350	9696	20068	143129
PURIFIED METHANOL	0	0	0	1229	0	0	0	0	0	0	0	0	1229
PURIFIED METHANOL(IN HOUSE)	0	948	773	0	0	0	0	0	0	0	0	0	1771
PURIFIED MIX XYLENE	530	0	1766	3651	440	0	0	2475	2250	4483	720	0	16314
PURIFIED TOLUENE	0	0	0	106	0	0	0	0	0	0	0	0	106
PURIFIED XYLIDINE (98%) (IMP)	0	0	2264	3066	0	0	0	0	0	802	0	0	6132
QUINAZARINE 95%	0	0	0	1684	3306	0	59	3856	85	0	1205	295	10500



Semi Finish Item / Batch Wise, Month Wise Raw Material Issue

Report Period From 01/04/2023 To 31/03/2024

	Apr-2023	May-2023	Jun-2023	Jul-2023	Aug-2023	Sep-2023	Oct-2023	Nov-2023	Dec-2023	Jan-2024	Feb-2024	Mar-2024	Total
QUINIZARINE 96% (ADV)	0	3393	9295	5312	0	1128	5872	1000	4632	1368	0	4283	36283
QUINIZARINE 96% (IMP)	3620	5392	0	0	1550	3450	0	0	0	6991	9	0	21012
RECOVER AMINE	0	0	0	0	0	0	0	1600	1110	0	0	0	2710
RECOVER HF-A 150 SR19E	0	1290	1045	850	440	200	1800	120	1510	1450	740	1890	11335
RECOVER HF-A-150 OF RED TGAHE	431	1575	466	1708	3333	159	2836	420	2049	2933	1452	2819	20178
RECOVER METHANOL ASCL-SP	0	0	1161	967	0	0	0	0	0	0	0	0	2128
RECOVER METHANOL OF BLUE MY	0	0	0	0	0	0	0	0	0	1327	0	0	1327
RECOVER MIX XYLENE AS LC	0	0	0	0	100	0	0	0	0	0	0	0	100
RECOVER MIX XYLENE OF ASCL	350	0	0	0	450	0	0	0	0	0	300	500	1600
RECOVER MIX XYLENE OF CONVENTION	0	0	0	0	0	0	0	400	0	0	0	0	400
RECOVER MONOCHLORO BENZEN (MAB)	0	830	970	1000	0	640	230	350	500	200	0	0	4720
RECOVER NITROBENZINE	600	400	1200	2209	1400	600	800	200	400	0	800	1300	9900
RESORCINOL	0	0	356	0	1148	254	0	7	522	382	761	0	3430
SODA ASH	1050	3040	4498	4320	3331	3120	2230	1611	4868	1675	1601	1441	32785
SODIUM FORMATE	1517	5878	6405	5563	10115	5563	9104	5058	10430	11127	6069	12118	89947
SODIUM HYDRO CHLORIDE (SHT)	28	76	96	108	41	68	56	40	100	28	12	40	693
SODIUM NITRITE	0	1110	10248	10773	15638	8680	15379	7852	15438	17476	12919	16770	133283
SODIUM NITRITE NITRATE (SHT)	3925	7484	54	0	0	0	0	0	0	0	0	0	11463
SODIUM PHOSPHATE TRIS (SHT)	0	226	163	236	334	157	353	75	279	280	380	312	2795
SODIUM SULFATE ANHYDR (SHT)	2800	1372	2800	7700	5600	2100	3500	0	2100	0	3500	7000	38472



Semi Finish Item / Batch Wise, Month Wise Raw Material Issue

Report Period From 01/04/2023 To 31/03/2024

	Apr-2023	May-2023	Jun-2023	Jul-2023	Aug-2023	Sep-2023	Oct-2023	Nov-2023	Dec-2023	Jan-2024	Feb-2024	Mar-2024	Total
T.G.UREA	3105	2070	6210	11390	7245	3105	4140	1035	2070	0	7245	9315	56930
TOLUENE	0	300	885	2194	0	0	0	0	795	0	0	1516	5690
TRO (TURKEY RED OIL)	179	118	145	322	223	216	378	166	285	270	296	132	2729
UNIAROM TX 200 IF-D (IMP)	0	0	6184	1634	0	0	0	0	0	0	0	0	7818



Annexure - III

Haz. Waste Disposal Qty.			
Type of Waste	Category	2022-23	2023-24
Used or Spent OIL (MT)	5.1	0	0.28
Solvent Residue (MT)	20.3	30.96	34.95
Inorganic Acid (Spent Sulfuric Acid) (MT)	26.3	250	0
Empty Drums (Nos)	33.11	1598	2944
liners (MT)	33.13	-	1.355
ETP Sludge (MT)	35.3	309.275	295.51



વડાપ્રધાનની અધ્યક્ષતામાં કેન્દ્રિય કેબિનેટની બેઠક યોજાઈ

ટેલિકોમ સેક્ટર માટે રાહત પેકેજ જાહેર

નવી દિલ્હી, તા. ૧૫: વડાપ્રધાન નરેન્દ્ર મોદીની અધ્યક્ષતામાં કેબિનેટની બેઠક યોજાઈ હતી. મોદીએ ટેલિકોમ સેક્ટર માટે રાહત પેકેજ જાહેર કરવાનો નિર્ણય કર્યો હતો. આ પાછળે ટેલિકોમ સેક્ટર માટે રાહત પેકેજ જાહેર કરવાનો નિર્ણય કર્યો હતો. આ પાછળે ટેલિકોમ સેક્ટર માટે રાહત પેકેજ જાહેર કરવાનો નિર્ણય કર્યો હતો.

- એજીઆર પર ૪ વર્ષનું મોરેટોરિયમ
- ઓટો, ઓટો કમ્પોનન્ટ, ડ્રોન ઉદ્યોગ માટે પીએલઆઈ યોજના શરૂ કરાઈ
- ત્રણે ક્ષેત્રો માટે ૨૬,૦૫૮ કરોડની જોગવાઈ

વડાપ્રધાન નરેન્દ્ર મોદીએ આજે નવી સંસદ ટી.વી. ચેનલનું ઉદ્ઘાટન કર્યું હતું. આ પ્રસંગે લોકસભાના સ્પીકર ઓમ બિરલા અને ઉપસ્થિત રહેલા નાયક પણ હાજર રહ્યા હતાં. વડાપ્રધાન દ્વારા નવી સંસદ ટી.વી. ચેનલનું ઉદ્ઘાટન કરવામાં આવ્યું હતું. આ પ્રસંગે લોકસભાના સ્પીકર ઓમ બિરલા અને ઉપસ્થિત રહેલા નાયક પણ હાજર રહ્યા હતાં.

વડાપ્રધાન નરેન્દ્ર મોદીએ આજે નવી સંસદ ટી.વી. ચેનલનું ઉદ્ઘાટન કર્યું હતું. આ પ્રસંગે લોકસભાના સ્પીકર ઓમ બિરલા અને ઉપસ્થિત રહેલા નાયક પણ હાજર રહ્યા હતાં. વડાપ્રધાન દ્વારા નવી સંસદ ટી.વી. ચેનલનું ઉદ્ઘાટન કરવામાં આવ્યું હતું.

આવતા માસથી ઈન્વેસ્ટરો 'અમેરિકી શેરો'માં ટ્રેડિંગ કરી શકશે

અપરાધ તા. ૧૫

ફ્રાઈડે 4:04:52

Friday December 28

DJI 22,062.93

NYA 11,291.00

અપરાધ તા. ૧૫

ફ્રાઈડે 4:04:52

Friday December 28

DJI 22,062.93

NYA 11,291.00

મિનિસોટા યુનિવર્સિટીના રિપોર્ટ મુજબ

શિયાળામાં વિશ્વને કોરોનાની નવી લહેરનો સામનો કરવો પડશે

નવી દિલ્હી, તા. ૧૫: અલગ ૩ થી ૬ મહિનામાં કોરોનાની નવી લહેરનો સામનો કરવો પડશે. મિનિસોટા યુનિવર્સિટીના રિપોર્ટ મુજબ, શિયાળામાં વિશ્વને કોરોનાની નવી લહેરનો સામનો કરવો પડશે. મિનિસોટા યુનિવર્સિટીના રિપોર્ટ મુજબ, શિયાળામાં વિશ્વને કોરોનાની નવી લહેરનો સામનો કરવો પડશે.

વડાપ્રધાન નરેન્દ્ર મોદીએ આજે નવી સંસદ ટી.વી. ચેનલનું ઉદ્ઘાટન કર્યું હતું. આ પ્રસંગે લોકસભાના સ્પીકર ઓમ બિરલા અને ઉપસ્થિત રહેલા નાયક પણ હાજર રહ્યા હતાં. વડાપ્રધાન દ્વારા નવી સંસદ ટી.વી. ચેનલનું ઉદ્ઘાટન કરવામાં આવ્યું હતું.

વડાપ્રધાન નરેન્દ્ર મોદીએ આજે નવી સંસદ ટી.વી. ચેનલનું ઉદ્ઘાટન કર્યું હતું. આ પ્રસંગે લોકસભાના સ્પીકર ઓમ બિરલા અને ઉપસ્થિત રહેલા નાયક પણ હાજર રહ્યા હતાં. વડાપ્રધાન દ્વારા નવી સંસદ ટી.વી. ચેનલનું ઉદ્ઘાટન કરવામાં આવ્યું હતું.

જેઈઈમાં ૪૪ ઉમેદવારોએ
૧૦૦ પર્સન્ટાઈલ પ્રાપ્ત કર્યા

ત્રણથી, એનટીએ એક રકમ ને નેતાશરૂં જેટલો જ મોં જતો નો તરફથી જેટલો મેડીનાના પતિપરિવારની સાથે ટોચનું મિલકત પણ જાહેર કરી દેવામાં આવ્યું છે.

જેટલું મેડીના પતિસાથ જાહેર થયે પાટ, જેટલું એનારના રીજીસ્ટ્રારના હાથ પડે. જેટલું મેડીનાના કડી સાથે રીપેરેક્ટ થઈ શકે તેમ જ કડી સાથે અનિવાર્ય JEE Advanced માટે તરફથી કરેલું પ્રેમશરૂં અર્જીશરૂક પતિના જeech.ac.in પર જઈને જેટલું એનારના દેવાની રીજીસ્ટ્રાર

મરિયામ પુત્રી કરશે. તે
આઈઝાબેલની જીવિત અને મૃત
અનુભવોનો પ્રોગ્રામ છે. આ
એડિશનલ છે. મારે જોઈએ
જોઈએ. પરીણ. આઈઝાબેલ
૨૦૨૧ના રોજ આપીએલ
કેસમાં આવશે.

માહેદાર લોત્તર્યાંગ:
થી મળવા લાગશે

૧ મીનીલ તથા પેસિફિકમાં ઉપવૃત્ત
સંચારમાં આવ્યું છે. આઈસબર-
૧ ક્ષેત્રી વાન સ્પર્શમાં આવે તો તેને
૧૨૬ કીમી સ્કાન્ડેલ પેસિફિકને
ફિંગર ઓફ ડીપ થાય છે. ૧૫મી
સપ્ટેમ્બર ૧૯૭૪ પેસિફિકને

પ્રિયા ૮,૪૦૦ રૂપિયા છે. આવી
જ રીતે ૫૪૨ છઠ્ઠી કક્ષની કિંમત
૧,૦૨૦,૦૦૦ આશરે રહેવામાં આવે
છે તો ૨૫૬ કક્ષની કક્ષની ૫
વેગિયનની કિંમત ૧,૨૦૦,૦૦૦
પાંચ કક્ષની કક્ષની વેગિયનની
કિંમત ૧,૮૦,૦૦૦ અને ૧ કક્ષની
(૧,૦૦૦ કક્ષની) કક્ષની કિંમત
૧,૨૦,૦૦૦ રૂપિયા આશરે રહે
છે. તમા આપડેલના કિન્નની કિ
શ્રવણ કોઈ પાંડો ચાલ્યાની ચાલ
કલાકે કોઈ ભૂતું પેલાના રો
નકલના કોઈ ભૂતું પેલાના રો
કલાકે કોઈ ભૂતું પેલાના રો

PUBLI

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HDFC **ଏମିସନ୍**
ଏକମାତ୍ର

[illegible]

ਪ੍ਰਤੀ ਦਿਨ ਸਾਨੂੰ ਸਾਡੇ ਭਰੋਸੇਯੋਗ ਸਾਥੀਆਂ ਨਾਲ ਮਿਲਣ ਦੀ ਸੁਵਿਧਾ ਮਿਲਦੀ ਹੈ। ਇਸ ਤਰ੍ਹਾਂ ਸਾਡੇ ਸਾਥੀਆਂ ਨਾਲ ਮਿਲਣ ਦੀ ਸੁਵਿਧਾ ਮਿਲਦੀ ਹੈ।

(A)	(B)
1. The following are the names of the persons who have been appointed as judges of the Supreme Court of India.	

၁၀။ အစိုးရ၏ ပုဂ္ဂလိက၊
 ပုဂ္ဂလိက၏ ပုဂ္ဂလိက
 ၁၁။ အစိုးရ၏ ပုဂ္ဂလိက၊
 ပုဂ္ဂလိက၏ ပုဂ္ဂလိက

Corporate Identity Number : CIL-1

પાણી રે પાણી: પશ્ચિમ બંગાળમાં ભવાનીપુરની પેટા ચૂંટણીઓના રાજકીય વાતાવરણની વચ્ચે ભારે વરસાદ થયો છે, ખડખડપુરમાં ભારે વરસાદથી રસ્તા જળબંધાકાર બની ગયા હતા તસ્વીરમાં સ્થાનિક ઓકો વરસાદી પાણીમાંથી પસાર થતાં નજરે પડે છે.

વર્ષ ૨૦૧૮માં તેમને ફાઉન્ડરનું સ્થાન અપાયું હતું.

ઝોમ્બેટાના કો-ફાઉન્ડર ગુપ્તાએ
અચાનક રાજીનામું આપ્યું

નવી દિલ્હી ૧૦.૧૫	પોલીસે સરેરાશ ૬૨૭૫૦ માઈલ કે જે અને ૪૨૫૦૦૦ જેટલો સાબુનો મોડો મુલાકાત કર્યો. જો આજે કેપીઆરનો મોટો મોડો કાર્ટીનું કેડી એન્ડ ગ્રીન મુલાકાત કરના પરિવાર છે, તો તેને કમલે સહા	સુરેશ્વરના પત્ની રજા સાથે જોડાયેલા છે. ત્યાંથી પોલીસના કર્મચારી મુલાકાત કરીને ૨૫ માઈલ દૂર સોમનાથના પહાડ ના આજુબાજુ કાલે હરજીત સહી કેડીના પાંચાડાં સુધી ગયા.
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महामानव अणुभूत सुख दाता नमो
मार्गदात्र, गौरवार्थं सर्वे कलत्राय
विभक्तिं कृतं विनम्रं कृतं, सर्वे
वर्षे वसुधाया नमो नमो अणुभूत
अणुभूत गीतं नमो नमो अणुभूत
अणुभूत नमो नमो अणुभूत
अणुभूत नमो नमो अणुभूत
अणुभूत नमो नमो अणुभूत

विश्वभारत में ज्ञान का प्रसारण। ज्ञानमुक्त
मंच, जहाँ देश-विदेश के विभिन्न क्षेत्रों
NSE पर ०.०५ प्रतिशत का चर्च
मंच १४४.५० प्रतिशत पर न
BSE पर ०.०००० प्रतिशत का चर्च
मंच १४४.५० प्रतिशत पर न
मंच १४४.५० प्रतिशत पर न

[illegible][illegible][illegible][illegible][illegible][illegible]

1. <i>What is the purpose of the study?</i> 2. <i>What are the research objectives?</i> 3. <i>What is the research methodology?</i> 4. <i>What are the results of the study?</i> 5. <i>What are the conclusions of the study?</i> 6. <i>What are the limitations of the study?</i> 7. <i>What are the implications of the study?</i> 8. <i>What are the future research directions?</i> 9. <i>What are the contributions of the study?</i> 10. <i>What are the key findings of the study?</i>	1. <i>What is the purpose of the study?</i> 2. <i>What are the research objectives?</i> 3. <i>What is the research methodology?</i> 4. <i>What are the results of the study?</i> 5. <i>What are the conclusions of the study?</i> 6. <i>What are the limitations of the study?</i> 7. <i>What are the implications of the study?</i> 8. <i>What are the future research directions?</i> 9. <i>What are the contributions of the study?</i> 10. <i>What are the key findings of the study?</i>
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કેન્દ્ર દ્વારા હાઈવે પર ૧૨૦ કિ.મી.ની સ્પીડ
નક્કી કરતા મદ્રાસ હાઈકોર્ટે ૨૬ કરી

સેવકો, વા. ૧૫
સરકારે કેન્દ્ર સરકારને મેનું
સરકારની આજ્ઞા અનુસાર પોતાને
જાહેરનામું ૨૬ જાહેરનામું
જિલ્લા પંચાયત નવું જાહેરનામું
આજ્ઞા પાસના આજ્ઞા પાસે
સરકારે કેન્દ્ર સરકારને મેનું

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દુષ્કર્મ બાદ હત્યાના કરનાર આરોપીની
માહિતી આપનારને ૧૦ લાખનું ઈનામ

૧૯૪૭-૪૮ના વર્ષમાં ૧૫
 પ્રિન્સિપાલો, ૩૦ ડીપ્પી, ૨૦૦
 ડીપ્પીના ૨૦ મેડીટરેનિયન ડીપ્પી
 ડીપ્પીના ૨૦ મેડીટરેનિયન ડીપ્પી
 ડીપ્પીના ૨૦ મેડીટરેનિયન ડીપ્પી
 ડીપ્પીના ૨૦ મેડીટરેનિયન ડીપ્પી

પણી લખાયા ને જો કોઈ કામ પડે ત્યારે સારું સાધનને આજીવન કામની સાથે જોડી રાખવું. કુરબાન અને સંપાદના કેટલાક કામોમાં કોઈકોના આજીવનથી વધી જાય છે. દરેક કામ આજીવનને કેટલું જાણે, સાધનની સામગ્રી કેવી રીતે વાડે, સાધનના વર્ગ

ગુજરાત વિદ્યાપીઠ, અમદાવાદ પ્રવેશ બેઠક-2021

[illegible]

SHARE CERTIFICATE LOST

Read to learn the requirements for a Share Certificate. This document is a legal document and must be signed by the company's Secretary. It is a legal document and must be signed by the company's Secretary. It is a legal document and must be signed by the company's Secretary.

No.	Name of the Shareholder	Company	Share Class	Share No.	Share Price
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10	Agua thermal (hot)	200/64	10/101	61100000-21000000	10
11	Agua thermal (hot)	200/64	10/101	61100000-21000000	10
12	Agua thermal (hot)	200/64	10/101	61100000-21000000	10
13	Agua thermal (hot)	200/64	10/101	61100000-21000000	10
14	Agua thermal (hot)	200/64	10/101	61100000-21000000	10
15	Agua thermal (hot)	200/64	10/101	61100000-21000000	10
16	Agua thermal (hot)	200/64	10/101	61100000-21000000	10

The table is a simple grid with 6 columns. The first column contains numbers 10 through 16. The second column contains the text 'Agua thermal (hot)'. The third column contains the number '200/64'. The fourth column contains the number '10/101'. The fifth column contains the number '61100000-21000000'. The sixth column contains the number '10'.

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 04-04-2008 09:44:12 AM, (04/04)


Aadhar
MAKING EVERYONE COUNT

बेदाह ३५ बेदाह भए? नीचो तर्जिम

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Figure 1. The effect of the concentration of the polymer solution on the gelation time of the polymer solution. The concentration of the polymer solution was 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, 0.9, 1.0, 1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 1.7, 1.8, 1.9, 2.0, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7, 2.8, 2.9, 3.0, 3.1, 3.2, 3.3, 3.4, 3.5, 3.6, 3.7, 3.8, 3.9, 4.0, 4.1, 4.2, 4.3, 4.4, 4.5, 4.6, 4.7, 4.8, 4.9, 5.0, 5.1, 5.2, 5.3, 5.4, 5.5, 5.6, 5.7, 5.8, 5.9, 6.0, 6.1, 6.2, 6.3, 6.4, 6.5, 6.6, 6.7, 6.8, 6.9, 7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6, 8.7, 8.8, 8.9, 9.0, 9.1, 9.2, 9.3, 9.4, 9.5, 9.6, 9.7, 9.8, 9.9, 10.0, 10.1, 10.2, 10.3, 10.4, 10.5, 10.6, 10.7, 10.8, 10.9, 11.0, 11.1, 11.2, 11.3, 11.4, 11.5, 11.6, 11.7, 11.8, 11.9, 12.0, 12.1, 12.2, 12.3, 12.4, 12.5, 12.6, 12.7, 12.8, 12.9, 13.0, 13.1, 13.2, 13.3, 13.4, 13.5, 13.6, 13.7, 13.8, 13.9, 14.0, 14.1, 14.2, 14.3, 14.4, 14.5, 14.6, 14.7, 14.8, 14.9, 15.0, 15.1, 15.2, 15.3, 15.4, 15.5, 15.6, 15.7, 15.8, 15.9, 16.0, 16.1, 16.2, 16.3, 16.4, 16.5, 16.6, 16.7, 16.8, 16.9, 17.0, 17.1, 17.2, 17.3, 17.4, 17.5, 17.6, 17.7, 17.8, 17.9, 18.0, 18.1, 18.2, 18.3, 18.4, 18.5, 18.6, 18.7, 18.8, 18.9, 19.0, 19.1, 19.2, 19.3, 19.4, 19.5, 19.6, 19.7, 19.8, 19.9, 20.0, 20.1, 20.2, 20.3, 20.4, 20.5, 20.6, 20.7, 20.8, 20.9, 21.0, 21.1, 21.2, 21.3, 21.4, 21.5, 21.6, 21.7, 21.8, 21.9, 22.0, 22.1, 22.2, 22.3, 22.4, 22.5, 22.6, 22.7, 22.8, 22.9, 23.0, 23.1, 23.2, 23.3, 23.4, 23.5, 23.6, 23.7, 23.8, 23.9, 24.0, 24.1, 24.2, 24.3, 24.4, 24.5, 24.6, 24.7, 24.8, 24.9, 25.0, 25.1, 25.2, 25.3, 25.4, 25.5, 25.6, 25.7, 25.8, 25.9, 26.0, 26.1, 26.2, 26.3, 26.4, 26.5, 26.6, 26.7, 26.8, 26.9, 27.0, 27.1, 27.2, 27.3, 27.4, 27.5, 27.6, 27.7, 27.8, 27.9, 28.0, 28.1, 28.2, 28.3, 28.4, 28.5, 28.6, 28.7, 28.8, 28.9, 29.0, 29.1, 29.2, 29.3, 29.4, 29.5, 29.6, 29.7, 29.8, 29.9, 30.0, 30.1, 30.2, 30.3, 30.4, 30.5, 30.6, 30.7, 30.8, 30.9, 31.0, 31.1, 31.2, 31.3, 31.4, 31.5, 31.6, 31.7, 31.8, 31.9, 32.0, 32.1, 32.2, 32.3, 32.4, 32.5, 32.6, 32.7, 32.8, 32.9, 33.0, 33.1, 33.2, 33.3, 33.4, 33.5, 33.6, 33.7, 33.8, 33.9, 34.0, 34.1, 34.2, 34.3, 34.4, 34.5, 34.6, 34.7, 34.8, 34.9, 35.0, 35.1, 35.2, 35.3, 35.4, 35.5, 35.6, 35.7, 35.8, 35.9, 36.0, 36.1, 36.2, 36.3, 36.4, 36.5, 36.6, 36.7, 36.8, 36.9, 37.0, 37.1, 37.2, 37.3, 37.4, 37.5, 37.6, 37.7, 37.8, 37.9, 38.0, 38.1, 38.2, 38.3, 38.4, 38.5, 38.6, 38.7, 38.8, 38.9, 39.0, 39.1, 39.2, 39.3, 39.4, 39.5, 39.6, 39.7, 39.8, 39.9, 40.0, 40.1, 40.2, 40.3, 40.4, 40.5, 40.6, 40.7, 40.8, 40.9, 41.0, 41.1, 41.2, 41.3, 41.4, 41.5, 41.6, 41.7, 41.8, 41.9, 42.0, 42.1, 42.2, 42.3, 42.4, 42.5, 42.6, 42.7, 42.8, 42.9, 43.0, 43.1, 43.2, 43.3, 43.4, 43.5, 43.6, 43.7, 43.8, 43.9, 44.0, 44.1, 44.2, 44.3, 44.4, 44.5, 44.6, 44.7, 44.8, 44.9, 45.0, 45.1, 45.2, 45.3, 45.4, 45.5, 45.6, 45.7, 45.8, 45.9, 46.0, 46.1, 46.2, 46.3, 46.4, 46.5, 46.6, 46.7, 46.8, 46.9, 47.0, 47.1, 47.2, 47.3, 47.4, 47.5, 47.6, 47.7, 47.8, 47.9, 48.0, 48.1, 48.2, 48.3, 48.4, 48.5, 48.6, 48.7, 48.8, 48.9, 49.0, 49.1, 49.2, 49.3, 49.4, 49.5, 49.6, 49.7, 49.8, 49.9, 50.0, 50.1, 50.2, 50.3, 50.4, 50.5, 50.6, 50.7, 50.8, 50.9, 51.0, 51.1, 51.2, 51.3, 51.4, 51.5, 51.6, 51.7, 51.8, 51.9, 52.0, 52.1, 52.2, 52.3, 52.4, 52.5, 52.6, 52.7, 52.8, 52.9, 53.0, 53.1, 53.2, 53.3, 53.4, 53.5, 53.6, 53.7, 53.8, 53.9, 54.0, 54.1, 54.2, 54.3, 54.4, 54.5, 54.6, 54.7, 54.8, 54.9, 55.0, 55.1, 55.2, 55.3, 55.4, 55.5, 55.6, 55.7, 55.8, 55.9, 56.0, 56.1, 56.2, 56.3, 56.4, 56.5, 56.6, 56.7, 56.8, 56.9, 57.0, 57.1, 57.2, 57.3, 57.4, 57.5, 57.6, 57.7, 57.8, 57.9, 58.0, 58.1, 58.2, 58.3, 58.4, 58.5, 58.6, 58.7, 58.8, 58.9, 59.0, 59.1, 59.2, 59.3, 59.4, 59.5, 59.6, 59.7, 59.8, 59.9, 60.0, 60.1, 60.2, 60.3, 60.4, 60.5, 60.6, 60.7, 60.8, 60.9, 61.0, 61.1, 61.2, 61.3, 61.4, 61.5, 61.6, 61.7, 61.8, 61.9, 62.0, 62.1, 62.2, 62.3, 62.4, 62.5, 62.6, 62.7, 62.8, 62.9, 63.0, 63.1, 63.2, 63.3, 63.4, 63.5, 63.6, 63.7, 63.8, 63.9, 64.0, 64.1, 64.2, 64.3, 64.4, 64.5, 64.6, 64.7, 64.8, 64.9, 65.0, 65.1, 65.2, 65.3, 65.4, 65.5, 65.6, 65.7, 65.8, 65.9, 66.0, 66.1, 66.2, 66.3, 66.4, 66.5, 66.6, 66.7, 66.8, 66.9, 67.0, 67.1, 67.2, 67.3, 67.4, 67.5, 67.6, 67.7, 67.8, 67.9, 68.0, 68.1, 68.2, 68.3, 68.4, 68.5, 68.6, 68.7, 68.8, 68.9, 69.0, 69.1, 69.2, 69.3, 69.4

1. *Chlorophyll a* (Chl a) is the primary photosynthetic pigment in most plants and algae. It is a green pigment that absorbs light energy in the blue and red regions of the visible spectrum.

DATE & TIME OF AUCTION				MEGA E-AUCTION		ROSAHBI, Surat City Region, 3rd Floor, Baroda Sun Complex, Ghod-Dod Road, Surat, Tel: 0261-2294302, 0261-949955002, 949955534		BANK OF BARODA	
Date: 16.09.2021				SALE NOTICE		Auction Sale of Immovable Assets under the Securitization and Reconstruction of Financial Assets and Enforcement of Security Interest Act, 2002 read with proviso to Rule 9 (2) & (3) of the Security Interest Enforcement Rules, 2002.		BANK OF BARODA	
FROM 1.00 PM TO 3.00 PM				Borrower/Demand		Owner of the Property		Description of Property	
Sl. No.				Borrower/Demand		Owner of the Property		Description of Property	
1				Kamlesh Indraje		Ganesh Hunderlal Bhalani		Plot No. 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 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616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 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