

Jubilant Agro Sciences Limited, Vilayat GIDC (Gujarat)
Six Monthly Compliance for the period April 2024 to September 2024
For the Environmental Clearance vide letter no. J-11011/311/2014-IAII (I)

Date: 28.11.2024

Jubilant Agro Sciences Limited (formerly Jubilant Crop Protection Limited) Environmental Clearance vide letter no. J-11011/311/2014-IA-II (I) dated 23/11/2022 proposal no. IA/GJ/IND3/287301/2022 Dated 05/08/2022.		
Sr.	Conditions	Compliance Status as on 28-11-2024
1	This has reference to your online proposal no. IA/GJ/IND3/287301/2022 dated 5th August, 2022, regarding transfer of environmental clearance granted by Ministry vide letter dated 08.01.2018 to the above project, from M/s. Jubilant Crop Protection Limited to M/s Jubilant Agro Sciences Limited	Noted.
2	M/s Jubilant Agro Sciences Limited submitted the Certificate of Incorporation bearing CIN U24300UP2021PLC146803. In addition to this, submitted NOC and undertaking that the company will comply with all statutory stipulations as per EC, and the Environment (Protection) Act, 1986.	Noted.
3	In view of the above, as per the relevant provisions of the EIA Notification, 2006 (as amended), the environmental clearance granted vide letter No. J 11011/311/2014- IA-II(I) dated 08.01.2018 for Setting up Technical Grade Pesticides and Intermediates Manufacturing Unit at Plot No. 5, SEZ, Vilayat GIDC, taluka Vagra, District Bharuch, Gujarat, is hereby transferred from M/s Jubilant Crop Protection Limited to M/s Jubilant Agro Sciences Limited on the same terms and conditions under which prior environmental clearance was granted, and for the same validity period.	Noted.

Jubilant Crop Protection Limited (old name Jubilant Ingrevia Limited)		
Environmental Clearance vide letter no. J-11011/311/2014-IA-II (I) dated 12/08/2021 proposal no. IA/GJ/IND3/216438/2021 dated 28/07/2021		
Sr. No.	Conditions	Compliance Status as on 28-11-2024
1	The Ministry had earlier granted environmental clearance vide letter dated 8th January, 2018 in favour of M/S Jubilant Life Sciences Limited to the project for Setting up Technical Grade Pesticides and Intermediates Manufacturing unit at Plot No. 5, SEZ, Vilayat GIDC, Taluka Vagra, District Bharuch, Gujarat. The Ministry vide letter dated 13th May, 2021 has transferred the said environmental clearance in favour of M/S Jubilant Ingrevia Limited based on the application submitted by the project proponent.	Noted. Please refer Annexure-1 for SPCB Authorization.
2	M/S Jubilant Crop Protection Limited has now informed that, M/S Jubilant Ingrevia Limited has set up a new entity/subsidiary M/S Jubilant Crop Protection Limited, having separate Board of directors, however, without any change in the ownership of the company, and thus necessitating transfer of all requisite approvals in the name of new company. It is noted that M/S Jubilant Crop Protection Ltd is a 100% subsidiary of M/S Jubilant Ingrevia Ltd established with an objective to focus on technical grade pesticides and intermediates through setting up manufacturing facilities and further sale of the products in both domestic and international markets. M/S Jubilant Ingrevia Limited has provided no objection for name change and transfer of the environmental clearance dated 8th January 2018 in favour of M/S Jubilant Crop Protection Limited.	Complied. Please refer Annexure-2 for List of Directors.
3	M/S Jubilant Crop Protection Limited has submitted an undertaking to abide by the terms and conditions stipulated in the environmental clearance dated 8th January, 2018 issued in favour of M/S Jubilant Life Sciences Limited, and later transferred in favour of M/S Jubilant Crop Protection Limited vide Ministry's letter dated 13th May, 2021. M/S Jubilant Crop Protection Limited is registered under the Ministry of Corp Affairs with Certificate of Incorporation (CIN) U24300UP2021 PLC146803.	Noted.
4	Now, therefore, as per para 11 of the EIA Notification, 2006, the environmental clearance dated 8th January, 2018 granted to the above project by the Ministry, is hereby transferred from M/S Jubilant Ingrevia Limited to M/S Jubilant Crop Protection Limited, on the same terms and conditions under which prior environmental clearance was initially granted.	Noted.
5	This issues with approval of the competent authority	Noted.

Jubilant Ingrevia Limited (old name Jubilant Life Sciences Limited)

Environmental Clearance vide letter no. J-11011/311/2014-IAII(I) dated 13/05/2021 proposal no. IA/GJ/IND2/51463/2014 dated 21/04/2021

Sr. No.	Conditions	Compliance Status as on 28-11-2024
1.	This has reference to your proposal no. IA/GJ/IND2/51463/2014 dated 21 th April, 2021 for Transfer of environmental clearance from Jubilant Life Sciences Ltd (Unit 3) to Jubilant Ingrevia (Unit 3).	Noted.
2.	The ministry has earlier granted Environmental Clearance vide letter dated 8 th January 2018 in Favour of jubilant Life Sciences Limited (Unit 3) to the project for setting up technical grade pesticides and intermediates manufacturing unit of capacity 32350 MTA to pot no. 5, ZEZ Vilayat GIDC, Taluko vagra, district Bharuch, Gujarat.	Noted.
3.	The project proponent has informed that pursuant to the composite scheme of agreement duly approved by national company law tribunal vide order in company petition number 195/ALD/2020 dated 6 th January 2021, the life sciences ingredients undertaking and business of jubilant life sciences stands demerged to M/S Jubilant Ingrevia Ltd, and thus necessity transfer all the requisite approvals in the new name of company.	Noted.
4.	M/S Jubilant Ingrevia Ltd has submitted undertaking vide letter dated 20 th April 2021 to abide by terms and conditions stipulated in Environmental Clearance dated 8 th January 2018 in the name of jubilant life sciences Ltd. It is informed that M/s. Jubilant Ingrevia Ltd. Is registered with ministry of corporate affairs vide CIN: U24299UP2019PLC122657.	Noted.
5.	As per the provision contained in para 11 of the EIA notification, 2006 the Environmental Clearance to the project for setting up technical grade pesticides and intermediated manufacturing unit at plot no. 5, SEZ, Vilayat GIDC, Taluka Vagra, District Bharuch, Gujarat granted by ministry vide letter date 8 th January 2018 is hereby transferred from M/s. Jubilant Life sciences Ltd to M/s Jubilant Ingrevia Ltd., On the same terms and conditions under which prior environmental Clearance was initially granted and same for the validity period.	Noted.
6.	This issues with approval of the competent authority.	Noted.

Jubilant Life Sciences Limited

Environmental Clearance vide letter no. J-11011/311/2014-IAII(I) dated 08/01/2018 proposal no. IA/GJ/IND2/51463/2014 dated 06/10/2017

Sr. No.	Conditions	Compliance Status as on 28-11-2024																																													
1	- This has reference to your proposal no. IA/GJ/IND2/51463/2014 dated 6 th October, 2017 for environmental clearance to the above project, along with documents including Form-1, terms of reference (ToR), EIA/EMP report containing the public hearing proceedings/ details.	Noted.																																													
2	<p data-bbox="233 540 1318 722">- The Ministry of Environment, Forest and Climate Change has examined the proposal for Environmental Clearance to the project for setting up Technical Grade Pesticides and Intermediates Manufacturing Unit of capacity 32350 TPA by M/s Jubilant Life Sciences Limited (Gujarat). The details of proposed products are as under.</p> <table border="1" data-bbox="388 760 1163 1399"> <thead> <tr> <th data-bbox="388 760 499 836">S. No.</th> <th data-bbox="499 760 890 836">Product</th> <th data-bbox="890 760 1163 836">Quantity (TPA)</th> </tr> </thead> <tbody> <tr> <td data-bbox="388 836 499 873">1</td> <td data-bbox="499 836 890 873">Mepiquat Chloride</td> <td data-bbox="890 836 1163 873">160</td> </tr> <tr> <td data-bbox="388 873 499 911">2</td> <td data-bbox="499 873 890 911">Chlormequat Chloride</td> <td data-bbox="890 873 1163 911">2000</td> </tr> <tr> <td data-bbox="388 911 499 987">3</td> <td data-bbox="499 911 890 987">Chlorpyrifos & its derivatives</td> <td data-bbox="890 911 1163 987">10000</td> </tr> <tr> <td data-bbox="388 987 499 1024">4</td> <td data-bbox="499 987 890 1024">Imidacloprid</td> <td data-bbox="890 987 1163 1024">1000</td> </tr> <tr> <td data-bbox="388 1024 499 1062">5</td> <td data-bbox="499 1024 890 1062">Acetamiprid</td> <td data-bbox="890 1024 1163 1062">500</td> </tr> <tr> <td data-bbox="388 1062 499 1099">6</td> <td data-bbox="499 1062 890 1099">Thiamethoxam</td> <td data-bbox="890 1062 1163 1099">500</td> </tr> <tr> <td data-bbox="388 1099 499 1136">7</td> <td data-bbox="499 1099 890 1136">Thiacloprid</td> <td data-bbox="890 1099 1163 1136">200</td> </tr> <tr> <td data-bbox="388 1136 499 1174">8</td> <td data-bbox="499 1136 890 1174">Chlorfluazuron</td> <td data-bbox="890 1136 1163 1174">100</td> </tr> <tr> <td data-bbox="388 1174 499 1211">9</td> <td data-bbox="499 1174 890 1211">Chlorantraniliprole</td> <td data-bbox="890 1174 1163 1211">1000</td> </tr> <tr> <td data-bbox="388 1211 499 1248">10</td> <td data-bbox="499 1211 890 1248">Cyantraniliprole</td> <td data-bbox="890 1211 1163 1248">1000</td> </tr> <tr> <td data-bbox="388 1248 499 1286">11</td> <td data-bbox="499 1248 890 1286">Triclopyr</td> <td data-bbox="890 1248 1163 1286">220</td> </tr> <tr> <td data-bbox="388 1286 499 1323">12</td> <td data-bbox="499 1286 890 1323">Triclopyr butoxy ethyl ester</td> <td data-bbox="890 1286 1163 1323">220</td> </tr> <tr> <td data-bbox="388 1323 499 1360">13</td> <td data-bbox="499 1323 890 1360">Fluroxypyr-methyl</td> <td data-bbox="890 1323 1163 1360">1000</td> </tr> <tr> <td data-bbox="388 1360 499 1399">14</td> <td data-bbox="499 1360 890 1399">Clodinafop Propargyl</td> <td data-bbox="890 1360 1163 1399">200</td> </tr> </tbody> </table>	S. No.	Product	Quantity (TPA)	1	Mepiquat Chloride	160	2	Chlormequat Chloride	2000	3	Chlorpyrifos & its derivatives	10000	4	Imidacloprid	1000	5	Acetamiprid	500	6	Thiamethoxam	500	7	Thiacloprid	200	8	Chlorfluazuron	100	9	Chlorantraniliprole	1000	10	Cyantraniliprole	1000	11	Triclopyr	220	12	Triclopyr butoxy ethyl ester	220	13	Fluroxypyr-methyl	1000	14	Clodinafop Propargyl	200	Noted & shall be complied. Please refer Annexure-1 for EC to CTE order and CCA order granted by SPCB.
S. No.	Product	Quantity (TPA)																																													
1	Mepiquat Chloride	160																																													
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11	Triclopyr	220																																													
12	Triclopyr butoxy ethyl ester	220																																													
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			15	Diquat dibromide	1500		
			16	Haloxypop-P-methyl	100		
			17	Fluazifop-P-butyl	50		
			18	Diflufenican	100		
			19	Nicosulfuron	150		
			20	Picoloram	300		
			21	Clopyralid	300		
			22	Paraquat & its derivatives	5000		
			23	Trifloxystrobin	400		
			24	Imazethapyr	100		
			25	Pyroxsulam	150		
			26	Picoxystrobin	2000		
			27	Boscalid	100		
			28	Azoxystrobin	1000		
			29	Intermediates of any of the above (#1 to #28)	As per requirement within the approved capacity		
			30	2-Chloro-6-(trichloromethyl) pyridine	3000		
				TOTAL	32350		
3	-	<p>The total area is 20 ha located within a SEZ operated by Jubilant Infrastructure Limited (JIL) in the GIDC Vilayat spread over an area of 107 ha. It is proposed to develop a greenbelt area of 16,000 m² within the premises of proposed unit in addition to the green belt developed in the common green belt area within the SEZ boundary. As per Form-1, there are no National Parks, Wildlife Sanctuaries, Biosphere Reserves, Tiger/Elephant Reserves, Wildlife Corridors etc. within 10 km of the project site. Bhukhi river is flowing at 2.94 km in the south.</p>				<p>Greenbelt area of 4000 Sq.mtr out of the 16,000 m² is planted shall be developed within the premises of proposed unit.</p> <p>Adequate area along the periphery of the SEZ is identified & developed for green belt. Till date, 32583 nos. of trees are planted giving priority to local plant species such as Shirish, Neem, Gulmohar, Amaltash, Jamun, Saptarni, Jacaranda, Peltorum, Palash, Teak etc.</p>	


Additionally, 4500 numbers of trees are planted in 29 Acres of GIDC plot as per the EC granted for JIL SEZ as part of common area.

Greenbelt photos are attached below.

Greenbelt outside the premises (at periphery)



			<p>Greenbelt within premises</p>  
4	-	<p>The estimated project cost is Rs.250 crores. Total capital cost earmarked for pollution control measures is Rs.957.27 lakhs and the recurring cost for O&M shall be about Rs.208.2 lakhs per annum. It has been proposed to allocate Rs.6.25 crores @ 2.5% towards Corporate Social Responsibility.</p>	<p>The project is being implemented in phases. Till date capex invested is Rs.180.0 Crores. The capital cost invested for Pollution control measures is Rs.18.0 Crores</p> <p>The investment made towards CSR during FY 24-25 is Rs. 1.55 Cr. Please refer</p>

		Category				
1	Chemical sludge from waste water treatment (ETP, MEE/ Dryer etc.)	35.3	1800	Poly bags/ loose	To TSDF for Landfill	
2	Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	33.3	400 Nos.	As is	Sale to authorized vendor	
3	Used or Spent Oil	5.1	5	Drums	Sale to CPCB/GPCB authorized Re-processor	
4	Process wastes or residues	29.1	750	Drums	Cement Co-incineration/ Incinerator / TSDF for Landfill	
5	Spent Catalysts	29.5	24	Poly Bag	TSDF for Landfill /Sale to authorized agency	
6	Date-expired and off-	29.3	10	Poly Bag / Drums	Incineration/ Cement Co-incineration	

		specification pesticides						
		7	Spent Solvents	29.4	20 KL	Drums	Sale to CPCB/GPCB authorized agency	
		8	Spent carbon or filter medium	36.2	30	Poly Bags	Cement Co-incineration/ Incinerator / TSDF	
		9	Sludge from wet scrubber	37.1	2	Drums	Cement Co-incineration/ Landfill	
		10	Corrosive wastes	Class C2	5	Drums	TSDF for Landfill	
		11	Wastes or residue containing oil	5.2	0.5	Drums	Cement Co-incineration/ Incinerator / TSDF for Landfill	
		12	Contaminated Organic or aqueous phase	C 12	50	Drums/ tank	Cement Co-incineration/ Incinerator / authorized MEE	
8	-	The project / activity is covered under category A of item 5(b) 'Pesticides industry and pesticide specific intermediates' of the Schedule to the Environmental Impact Assessment Notification, 2006, and required appraisal at central level by the sectoral EAC in the Ministry.					Noted.	
9	-	The ToR for the project was granted by Ministry vide letter dated 6 th January, 2015 followed by the amendment on 27 th March, 2017. Public hearing was conducted by the SPCB on 18 th August 2017.					Noted.	

10	-	The proposal was considered by the Expert Appraisal Committee (Industry-2) in its 30 th meeting held during 2-3 November, 2017. The project proponent and their accredited consultant M/s Kadam Environmental Consultants, presented the EIA / EMP report as per the ToR. The committee found the EIA / EMP report to be satisfactory and complying with the ToR. The Committee has recommended the proposal for grant of environmental clearance.	Noted.
11	-	Based on the proposal submitted by the project proponent and recommendations of EAC (Industry-2), the Ministry of Environment, Forest and Climate change hereby accords environmental clearance to the project 'Setting up Technical Grade Pesticides and Intermediates Manufacturing unit, of capacity 32350 TPA by M/s Jubilant Life Sciences Limited (Unit-3) at Plot no.5, SEZ, Vilayat GIDC, Taluka Vagra, District Bharuch (Gujarat), under the provisions of the EIA Notification, 2006, subject to the compliance of the terms and conditions as below:	Noted & shall be complied.
	(a)	Total production of pesticides for domestic sale shall include manufacturing of 10% bio-pesticides, to be achieved progressively within a period of 5 years from the date of commissioning of the project.	Research work for Bio Pesticide is under progress. The stipulated target shall be achieved to meet the market demand.
	(b)	Consent to Establish/Operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) ACT, 1981 and the Water (Prevention and Control of Pollution) ACT, 1974.	Consent to Establish (CTE) is obtained from the GPCB on dated 03/12/2020 & expansion CTE is obtained on 28/01/2023, please refer Annexure-1a. Consent to Operate (CCA) order for Pilot Plant is obtained from GPCB on dated 27/09/2021 & commercial manufacturing facility on dated 15/02/2024 valid up to 26/09/2026, please refer Annexure-1b.
	(c)	The effluent discharge of 564 cum/day, through GIDC pipeline to deep sea, shall confirm to the standards prescribed under the Environment (Protection) Rules, 1986.	The total effluent generation is 63 KLD of which 33 KLD is reused and 30 KLD is discharged through JIL-SEZ CETP to GIDC deep-sea disposal line as per CCA (AWH-131336). Parameters of discharge effluent are within prescribed limit given by GPCB. Analysis of the discharge effluent is also carried out by

			M/s Royal Environment Auditing & Consultancy Service and results are also being submitted to GPCB every month. Please refer Annexure-6 for the monitoring report.
	(d)	Necessary authorization required under the Hazardous and Other Wastes (Management and Trans-Boundary Movement) Rules, 2016, Solid Waste Management Rules, 2016 shall be obtained and the provisions contained in the Rules shall be strictly adhered to.	Authorization under HWM Rules 2016 is granted by GPCB on dated 27/09/2021 for Phase 1 as in Annexure-1b. Authorization for Phase 2 commercial manufacturing facility granted on dated 15/02/2024 valid up to 26/09/2026, please refer Annexure-1b.
	(e)	National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21 st July, 2010 and amended from time to time shall be followed.	Shall be complied. Requisite measures as prescribed by the GSR 608 (E) is implemented as below; a) Effluent Standards: - Ensuring to meet standards through adequate effluent treatment facilities (Proposing MEE followed by ATFD), MEE condensate water recycle in Cooling Tower make up, cooling tower blow down effluent transfer to JIL-SEZ CETP for further treatment & final discharge to deep sea through GIDC underground drainage pipeline. b) Emission Standards for Incinerator: - No incinerator installed as on date. Shall be complied when installed in future. c) Effluent Standards for Incinerator: - No incinerator installed as on date. Shall be complied when installed in future. d) Storm water: - Contaminated water from Scrubber, Plant floor washing and

			Process areas are contained and collected separately in process Tank-in-Tank pits for treatment and reuse/discharge. Dedicated storm water drains with RCC non pervious bottom surface are constructed with guard pond at the end of the storm water drain, before exit to natural streams.
(f)	To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and/or the NAAQS. The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.		Air emission prevention and control measures are installed with the facility at construction stage as follows, a. Adequate dust collection and extraction system is installed to control fugitive dust emissions at various material handling areas. (eg. raw material loading, unloading, conveying, transporting, stacking, bagging and packing etc.). b. Regular monitoring of ground level concentration of PM10, PM2.5, SO2 & NOx is carried out in the impact zone and its records are maintained. Please refer Annexure-6 for the monitoring report.
(g)	Solvent management, if any, shall be carried out as follows: (i) Reactor shall be connected to chilled brine condenser system. (ii) Reactor and solvent handling pump shall have mechanical seals to prevent leakages. (iii) The condensers shall be provided with residence sufficient HTA and time so as to achieve more than 95% recovery. (iv) Solvents shall be stored in a separate space specified with all safety measures. (v) Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done.		I) Vapor recovery system with adequate capacity of condenser with chilled brine cooling is provided to recover the maximum solvent. Solvent pumps are installed with dyke wall to control leakage. II) Pumps/ mixers/ reactors are installed having double mechanical seals. III) Worst case low boiler solvent is considered for HTA design.


	<p>(vi) Entire plant shall be flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses.</p> <p>(vii) All the solvent storage tanks shall be connected with vent condensate with chilled brine circulation.</p>	<p>IV) Dedicated solvents storage yard are constructed and approved by PESO.</p> <p>V) Double earthing is installed to reactors, receivers, solvent piping. Also earthing provided to all electrical motors/ MCC/ Push button etc.as per electricity act.</p> <p>VI) Electrical equipment's are installed as per Zone classification notified under IS standard.</p> <p>VII) Solvent storage tanks are connected with vent condensate with chilled brine recirculation.</p>
	<p>(h) Total fresh water requirement shall not exceed 1492 m³/day proposed to be met from GIDC supply through M/s JIL-SEZ. Prior permission in this regard shall be obtained from the concerned regulatory authority.</p>	<p>The water requirement for the facility constructed is 308 Cum/day as per CCA(AWH-131336). Entire water will be sourced through GIDC from the Narmada River Project.</p> <p>Please refer Annexure-7 for water agreement.</p>
	<p>(i) Process effluent/any wastewater shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond.</p>	<p>Process areas spills/leaks are well contained within building through dedicated process drains leading to sump with Tank-in-Tank construction with auto level based pump operation to prevent any pollution to storm water drains.</p> <p>The Storm water drains is separated from the process area and is passed through guard pond. An emergency pump and pipeline installed at the guard pond will enable transfer of any contaminated storm water to CETP for treatment and then deep sea disposal.</p>

(j)	Hazardous chemicals shall be stored in tank farms, drums, carboys etc. Flame arrestors shall be provided on tank farm and solvent transfer through pumps.	Incorporated in the design of the plant construction and complied.
(k)	Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF.	complied.
(l)	The company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.	Complied.
(m)	<p>The company shall undertake waste minimization measures in the following manner: -</p> <ul style="list-style-type: none"> (i) Metering and control of quantities of active ingredients to minimize waste. (ii) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. (iii) Use of automated filling to minimize spillage. (iv) Use of Close Feed system into batch reactors. (v) Venting equipment through vapor recovery system. (vi) Use of high pressure hoses for equipment clearing to reduce wastewater generation. 	<p>I) Active ingredients are dispensed as per the batch requirement in closed environment with the help of electronic weighing balance.</p> <p>II) In-process Solvent recovery is undertaken wherever feasible. All other spent solvents are disposed to Rule 9 authorized Solvent recovery agencies approved by GPCB.</p> <p>III) Solvent pumping system is automated & close filling.</p> <p>IV) All manufacturing activities carried out in close condition. Reactors are designed with close solvent feeding system.</p> <p>V) Vapor recovery system designed with primary & secondary condensers to maximize solvent recovery.</p> <p>VI) High pressure jet nozzles for equipment cleaning are used to minimize waste water generation.</p>
(n)	The green belt shall be developed along the plant periphery of M/s Jubilant Life Sciences Limited (Unit-3) in downward wind direction, and along road sides etc. Total plantation within the unit as well as that already in place for the SEZ operated by M/s JIL, shall not be less than 33% of the total SEZ area. Selection of plant	Greenbelt area of 4000 Sq.mtr out of the 16,000 m ² is planted shall be developed within the premises of proposed unit.

	species shall be as per the CPCB guidelines in consultation with State Forest Department.	<p>Adequate area along the periphery of the SEZ is identified & developed for green belt. Till date, 32583 nos. of trees are planted giving priority to local plant species such as Shirish, Neem, Gulmohar, Amaltash, Jamun, Saptarni, Jacaranda, Peltoforum, Palash, Teak etc.</p> <p>Additionally, 4500 numbers of trees are planted in 29 Acres of GIDC plot as per the EC granted for JIL SEZ as part of common area. Photographs of the same are attached in compliance status of condition no:4 of the report.</p>
(o)	All the commitments made regarding issues raised during the public hearing/consultation meeting held on 18 th August, 2017 shall be satisfactorily implemented.	Issues raised during public hearing are addressed jointly with the community engagement and through CSR.
(p)	At least 2.5% of the total project cost shall be allocated for Enterprise Social Commitment based on public hearing issues and item-wise details along with time bound action plan shall be prepared and submitted to the Ministry's Regional Office.	<p>The project is being implemented in phases. Till date capex invested is Rs.180 Crores. The capital cost invested for Pollution control measures is Rs.18 Crores.</p> <p>The investment made towards CSR during FY 24-25 is Rs. 1.55 Cr. Please refer Annexure-3 for the Details of CSR activities for YTD FY 24-25.</p>
(q)	The company shall make all arrangements for control of noise from the drilling activity. Acoustic enclosure shall be provided for the DG sets along with the adequate stack height as per CPCB guidelines.	<p>Complied.</p> <p>Acoustic enclosure is provided to DG set of 100 KVA with 12 mtr stack height meeting CPCB guidelines.</p>
(r)	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Firefighting system shall be as per the norms.	<p>complied.</p> <p>Firefighting system is provided for protection of possible fire hazards.</p>

			Please refer Annexure-8 for Fire Hydrant Layout.
	(s)	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Complied. Workers health check-up done at every 6 months. Please refer Annexure-9 for the Occupational health surveillance record of the workers.
	(t)	Optimum quantity of raw material storage should not exceed 15 days at any point of time.	Noted.
	(u)	Continuous online (24X7) monitoring system for stack emissions and the effluent, shall be installed for measurement of flow/discharge and the pollutants concentration, and the emission and effluent monitoring data to be transmitted to the CPCB and SPCB server as per the directions of CPCB in this regard.	Incorporated in the design of the plant construction and complied. Online continuous monitoring system is installed for continuous monitoring of discharge water parameters. Photographs of OCEMS are attached below. Online continuous monitoring system:



			
11.1	The grant of Environmental Clearance is further subject to compliance of other generic conditions as under:-	-	
(i)	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board (SPCB), State Government and/or any other statutory authority.	Complied.	
(ii)	No further expansion or modifications on the plant shall be carried out without prior approval of the Ministry of Environment, Forest & Climate Change. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	Expansion of the facility is granted vide EC granted to JIL-SEZ vide reference No. EC22A031GJ117822, File No. 10/24/2021-IA.III dated 14/02/2022 & amendment dated 15/07/2022 including the expansion of existing units within the SEZ.	
(iii)	The locations of ambient air quality monitoring stations shall be decided in consultation with the State Pollution Control Board (SPCB) and it shall be ensured that at least one stations each in installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.	Complied.	

(iv)	The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16 th November, 2009 shall be complied with.	Complied. Parameters of Air emissions are in compliance with the National Ambient Air Quality Emission Standards. Analysis of the discharge effluent is also carried out by M/s Royal Environment Auditing & Consultancy Service and results are also being submitted to GPCB every month. Please refer Annexure-6 for monitoring report.
(v)	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall confirm to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time). (Remarks: Pl ensure from design stage)	Complied. Analysis of the Noise levels are also being carried out by M/s Royal Environment Auditing & Consultancy Service and results are also being submitted to GPCB every month. Please refer Annexure-6 for monitoring report.
(vi)	The Company shall harvest rainwater from the roof tops of the building and storm water drains to recharge the ground water and utilize the same for different industrial operations within the plant.	Not proposed due to risk of contamination of ground water. Request the condition be exempted for compliance.
(vii)	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.	Complied. Regular training imparted on Safety & Health aspects. Refer Annexure-10 for training record. Pre-employment & periodic medical examination done for all employees & contractual workers. Please refer Annexure-9 for the record of medical examination of employee and contractual worker.
(viii)	The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the	Complied.

	recommendations made in the EIA/EMP in respect of environmental management, risk mitigation measures and public hearing shall be implemented.	
(ix)	The company shall undertake all measures for improving socio-economic conditions of the surrounding area. CSR activities shall be undertaken by involving local villagers, administration and other stake holders. Also eco-developmental measures shall be undertaken for overall improvement of the environment.	The project is being implemented in phases. Till date capex invested is Rs.180 Crores. The capital cost invested for Pollution control measures is Rs.18 Crores. The investment made towards CSR during FY 24-25 is Rs. 1.55 Cr. Please refer Annexure-3 for the Details of CSR activities for YTD FY 24-25.
(x)	A separate Environmental Management Cell equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management & Monitoring functions.	Complied.
(xi)	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.	Being complied.
(xii)	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parisad/ Municipal Corporation, Urban local body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.	Complied.
(xiii)	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF&CC, the respective Zonal office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status shall be posted on the website of the company.	Complied. Six monthly compliance report was submitted on 30.05.2024. A copy of EC & Six monthly compliance status posted on our website. Please refer Annexure-11 for EC compliance report submission for the period of Oct-23 to Mar-24 to GPCB and CPCB.

	(xiv)	The environmental statement for each financial year ending 31 st 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 Regional Offices of MoEF&CC by e-mail.	Complied. Environment statement for FY-23-24 was submitted on 20.09.2024 to GPCB office. Refer Annexure-12 for the submission of Environment statement for FY-23-24.
	(xv)	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 at http://moef.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.	Complied. Advertisement was published in 2 local newspapers Times of India for English & Sandesh for Gujarati on dated-16.01.2018. Copy is attached herewith as Annexure-13.
12		The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted.
13		The Ministry reserves the right to stipulate additional conditions, if found necessary. The company in a time bound manner will implement these conditions.	Noted.
14		The above conditions will 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, the Hazardous Waste (Management, Handling and Trans-boundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 read with subsequent amendments therein.	Noted.



GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN

Sector-10-A, Gandhinagar 382010

Phone : (079) 23222425

(079) 23222152

Fax : (079) 23232156

Website : www.gpcb.gov.in

Application For CTE after EC

File No : GPCB/ (PCB ID. - 78743)/5864

CTE-60589

To,

Dt- 16/02/2023

M/s. Jubilant Agro Sciences Limited,

, P1-111, L18, AT PLOT NO 5, VILAYAT GIDC ESTAT,

City : VILAYAT,

Dist : Bharuch,

Taluka : Vagra

Sub: Consent to Establish (After obtaining Environment Clearance) under Section 25 of Water Act 1974 and Section 21 of Air Act 1981.

Ref: (1) Your online application No. 271172 dated 22/12/2022

(1) Environment Clearance issued by Central Authority vide their letter no. EC22A031GJ117822 Dated 14/02/2022

Sir,

Without prejudice to the powers of this Board under the Water (Prevention and Control of Pollution) Act-1974 the Air Act-1981 and the Environment (Protection) Act-1986 and without reducing your responsibilities under the said Acts in any way, this is to inform you that this Board grants Consent to Establish (After obtaining Environment Clearance) under Section 25 of Water Act 1974 and Section 21 of Air Act 1981 for manufacturing of products as mentioned into the Environment Clearance (EC) granted vide letter under reference no (2) above

Consent To Establish is Granted Subject To The Following Conditions:-

- 1) The validity period of this CTE shall be Seven Years from the issue of this order.
- 2) Applicant shall strictly comply with all conditions stipulated by competent authority in the order of Environment Clearance issued vide letter under reference No. : 2 above.
- 3) The applicant shall however, not without the prior concern of the Board, Bring into use any new or altered outlet for the discharge of effluent or gaseous emission or sewage waste from the proposed industrial plant. The applicant is required to make applications to this Board for this purpose in the prescribed forms under the provisions of the water Act - 1974, the Air - 1981 and the Environment (Protection) Act - 1986.



For and on behalf of
Gujarat Pollution Control Board

M. U. PATEL
28/1/23
M.U.PATEL
ROH Head - Bharuch

This order is issued to, P1-111, L18, AT PLOT NO 5, VILAYAT GIDC ESTAT, City : VILAYAT, Dist : Bharuch, Taluka : Vagra (78743) for CTE amendment after obtaining EC.

Specific condition: Granted for product qty mentioned in Chapter -II page 116 of EIA EMP report and respective water, waste water and Air stack details in EIA EMP report submitted along with above referred EC application



GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN, SECTOR 10-A,

GANDHINAGAR - 382010,

(T) 079-23232152

By R.P.A.D.
CONSOLIDATED CONSENT AND AUTHORIZATION (CC & A - Amendment)
CCA AMENDMENT NO: AWH-131336

NO: GPCB/BRCH/CCA-1506(2)/ID-78743/ 783868

DT: 15/02/2024

To
M/s. Jubilant Agro Sciences Ltd.
Plot No. PI-L11 & L18, at Plot No.5,
SEZ, Vilayat GIDC Estate,
Tal.: Vagra, Dist.: Bharuch.

SUB: Amendment in Consolidated Consent & Authorization (CC&A) under various Environmental Acts/ Rules.

REF: (1) Your application No. 288160 dated 16/10/2023.
(2) EC to CTE No. 60589 dated: 16/02/2023.
(3) CCA No. AWH- 116748 dated: 01/08/2022. (CCA Fresh)

This has reference to the CCA order No: AWH- 116748, issued vide letter no. GPCB/BRCH/CCA-1506/ID-78743/679606, dated: 01/08/2022 under the provisions of the various Environmental Act/ Rules, which stands amended as under.

The Validity of this order shall be up to 26/09/2026.

1. The list of proposed products to be manufactured shall be as follows:

Sr. No.	Name of Product	Quantity (MTPA)
Existing as per CCA-AWH-116748 dated: 01/08/2022		
Proposed as per EC - CTE permission Dated 16/02/2023.		
1	Pymetrozine	250
2	Azamethiphos	100
3	Pyriproxyfen	750
4	Picoxystrobin	
5	Chlorantraniliprole	
6	Prothioconazole	

2. Specific conditions:

- Unit shall comply with all conditions of EC dated 08/01/2018 and 15/07/2022.
- Unit shall not procure any hazardous waste without obtaining Rule-9 permission under HOWR- 2016 and CTE/CCA Amendment of the Board.
- Unit shall not send any hazardous waste directly to Drinking Water, Food, Pharma, Fertilizer and Cosmetic Industry until SOP prepared and rule-9 permission obtained by them.
- Unit shall not manufacture/formulate/use/sell any banned/prohibited pesticides by competent authority.
- Unit shall send their hazardous waste to authorized endusers who are having authorization with valid CCA and rule 9 permission to receive this waste. Unit shall make MoU with such authorized endusers and submit MoU.

- f) All the efforts shall be made to send hazardous waste to cement industry for Co-processing first & there after it shall be disposed through other option.
- g) Unit shall follow spent solvent management guideline framed by Board and shall make MoU with outside distillation units, if any. Also submit the prescribed forms as per guideline.

3. CONDITION UNDER THE WATER ACT:

- 3.1 The condition No. 3.1 for Water Consumption under Water Act of the CCA order No: AWH- 116748, issued vide letter no. GPCB/ BRCH/CCA-1506/ID-78743/679606, dated: 01/08/2022 is amended and shall now be read as under:

Water (Qty: KL/day)	Water consumption		
	Existing	Proposed	Total
Domestic	0.2	5	5.2
Industrial	44.8	258	302.8
Total	45	263	308

- 3.2 The condition No. 3.2 for Wastewater Generation under Water Act of the CCA order No: AWH- 116748, issued vide letter no. GPCB/ BRCH/CCA-1506/ID-78743/679606, dated: 01/08/2022 is amended and shall now be read as under:

Waste Water (Qty: KL/day)	Waste Water Generation		
	Existing	Proposed	Total
Domestic	0.2	4.8	5
Industrial	2	56	58
Total	2.2	60.8	63

- 3.3 The condition No. 3.3 for Mode of disposal of wastewater under Water Act of the CCA order No: AWH- 116748, issued vide letter no. GPCB/ BRCH/CCA-1506/ID-78743/679606, dated: 01/08/2022 is amended and shall now be read as under:
Mode of disposal of wastewater:

- a) Unit shall detoxify and remove VOCs before feeding it to MEE.
- b) 28 KLD generated wastewater from process (21.5 KLD) & washing (6.5 KLD) shall be treated in MEE + ATFD plant within the unit. 19.6 KLD condensate (70%) generated in MEE shall be recycled to Cooling Tower make up, 7.9 KLD condensate generated from ATFD shall be recycled back to Process. 0.5 KLD water as moisture with ATFD Salts shall be disposed to TSDF.
- c) 30 KLD cooling bow down shall be transferred to JIL-SEZ CETP for further treatment & discharge to GIDC drainage for deep sea disposal.
- d) 5 KLD generated domestic sewage shall be treated in STP and treated waste water shall be reused in gardening / plantation within premises after conforming norms prescribed as below.

Sr. No.	PARAMETERS	PERMISSIBLE LIMIT
1	pH	6.5 to 9
2	Total Suspended Solids	<100 mg/l
3	Total Coliform (MPN/100ml)	<1000 MPN/100ml
4	BOD	30 mg/l



GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN, SECTOR 10-A,

GANDHINAGAR - 382010,

(T) 079-23232152

4. CONDITIONS UNDER THE AIR ACT:

4.1 There shall be no change in fuel consumption & flue gas emission from proposed expansion.

4.2 The condition No. 4.3 for Process gas stacks under Air Act of the CCA order No: AWH-116748, issued vide letter no. GPCB/ BRCH/CCA-1506/ID-78743/679606, dated: 01/08/2022 is amended and shall now be read as under.

Sr. No.	Stack attached to	Stack height	APCM	Parameter	Permissible Limit
Total Scenario after CCA amendment					
1.	Pilot Plant (Existing)	11 m	Wet scrubber	VOC,	---
2.	Kilo Lab (Proposed)			HBr,	2 mg/Nm ³
				Cl ₂ ,	5 mg/Nm ³
				HCl,	5 mg/Nm ³
				NH ₃ ,	20 mg/Nm ³
				SO ₂	30 mg/Nm ³
					40 mg/Nm ³
3.	Process Plant (Proposed)	36 m	Charcoal bed + Wet Scrubber (water & caustic)	VOC	---
				HCl	20 mg/Nm ³

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

Sr. No.	Parameters	Permissible Limit (microgram /m ³)	
		Annual	24 Hours Average
1.	Particulate Matter (PM ₁₀)	60	100
2.	Particulate Matter (PM _{2.5})	40	60
3.	Sulphur Dioxide (SO ₂)	50	80
4.	Nitrogen Dioxide (NO ₂)	40	80

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

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

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

5. CONDITIONS UNDER HAZARDOUS & OTHER WASTES (MANAGEMENT & TRANSBOUNDARY MOVEMENT) RULES, 2016

5.1 Unit shall comply with provisions of Hazardous & Other Wastes (Management & Transboundary Movement) Rules-2016.

5.2 The condition No. 6.2 under authorization for Hazardous & other wastes of the CCA order No: AWH- 116748, issued vide letter no. GPCB/ BRCH/CCA-1506/ID-78743/679606, dated: 01/08/2022 is amended and shall now be read as under.

Sr. No.	Name of Haz. Waste	Category Number	Quantity in MT/Year			Facility
			Exl.	Pro.	Total	
1	Process wastes or residues	29.1	1.5	7383.5	7385	Collection, Storage, Transportation & send for Pre- Processing/ Co-processing to cement industry registered with XGN or CHWIF for incineration.
2	Contaminated Organic or aqueous phase (Discarded Reaction mass / Failed reaction mass/ Failed reaction mass)	C12	0.5	199.5	200	Collection, Storage, Transportation & send for Pre- Processing/ Co-processing to cement industry registered with XGN or CHWIF for incineration.
3	Effluent sludge (Scrubber Sludge, MEE Salt etc.)	35.3	0.50	1499.5	1500	Collection, Storage, Transportation & send for Pre- Processing/ Co-processing to cement industry registered with XGN or send to common TSDF site.
4	Used/ Spent Acid	29.6	0.50	99.5	100	Collection, Storage, Transportation & send for Pre- Processing/ Co-processing to cement industry registered with XGN or CHWIF for incineration.
5	Spent Catalyst	29.5	0.25	44.75	45	Collection, Storage, Transportation & send for Pre- Processing/ Co-processing to cement industry registered with XGN or CHWIF for incineration.
6	Used/ Spent Solvent	29.4	1.25	3660.75	3670	Collection, Storage, Transportation & send to actual end users having rule-9 permission under HOWR-2016, valid CCA after making MoU OR Pre-Processing/ Co-processing



GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN, SECTOR 10-A,

GANDHINAGAR - 382010,

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						to cement industry registered with XGN or CHWIF for incineration.
7	Spent Carbon or filter medium	36.2	0	115	115	Collection, Storage, Transportation & send to actual end users having rule-9 permission under HQR-2016, valid CCA after making MoU OR Pre-Processing/ Co-processing to cement industry registered with XGN or send to common TSDF site.
8	Empty barrels/containers/liners contaminated with hazardous chemical/ waste	33.1	0	50	50	Collection, Storage, Decontamination/ detoxification, reuse, transportation and/or send to authorized decontamination facility.
9	Used or Spent Oil	5.1	0	20	20	Collection, Storage, reuse within premises or Transportation, send to registers/ re-refiners.
10	Waste containing Oil, PPEs, Clothes etc.	5.2	0	10	10	Collection, Storage, reuse within premises or Transportation, send to registers re-refiners or CHWIF for incineration.
11	Waste insulation materials	X02	0	20	20	Collection, Storage, Transportation and send to common TSDF site.
12	Date expired and off-specifications pesticides	29.3	0	50	50	Collection, Storage, Transportation & send for Pre- Processing/ Co-processing to cement industry registered with XGN or CHWIF for incineration.

6 All other conditions of the CCA order No: AWH- 116748, issued vide letter no. GPCB/ BRCH/CCA-1506/ID-78743/679606, dated: 01/08/2022 shall remain unchanged.

For and on behalf of
GUJARAT POLLUTION CONTROL BOARD

(M. R. Macwana)

UNIT HEAD- BHARUCH



GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN, SECTOR 10-A,
GANDHINAGAR - 382010,
(T) 079-23232152

By R.P.A.D.

CONSOLIDATED CONSENT AND AUTHORIZATION (CC & A) (CTE, CCA Amendment for name change)

NO: GPCB/BRCH-B/CCA-1506/ID-78743/201952

DT: 29/01/2023

To,

✓ M/s. Jubilant Agrosiences Limited
PLOT NO: P1-I.111.-18, at Plot No. 5
SEZ, VILAYAT GIDC ESTATE,
TAL: VAGRA, DIST: BHARUCH.

SUB: CTE, CCA Amendment for name change

REF: (1) Your letter dated. 18/11/2022

(2) CTE No. 60589

(3) CCA No:116748 issued vide letter no. GPCB/BRCH-B /CCA-1506/ID-78743 /679606, dated: 01/08/2022.

This has reference to the CTE No. 60589 and CCA No:116748, issued vide letter no. GPCB /BRCH-B /CCA-1506/ID-78743/679606, dated: 01/08/2022 under the provisions of the various Environmental Act/ Rules, which stands amended as under.

1. Name of the industry shall now be read as "M/s. Jubilant Agrosiences Limited in place of "M/s. Jubilant Crop Protection Limited." from the date of issue of this order.
2. All other conditions of CTE No. 60589 and CCA No:116748, issued vide letter no. GPCB /BRCH-B /CCA-1506/ID-78743/679606, dated: 01/08/2022 and further amended from time to time shall remain unchanged.

FOR AND ON BEHALF OF
GUJARAT POLLUTION CONTROL BOARD


(R.P.A.D.)
ENVIRONMENT ENGINEER

COPY TO:-

- Regional Officer,
G.P.C.Board,
Regional Office,
Bharuch..... For updation in XGN.

Clean Gujarat Green Gujarat



GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN

Sector-10-A, Gandhinagar-382 010

Phone : (079) 23226295

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Website : www.gpcb.gov.in

CONSOLIDATED CONSENT AND AUTHORIZATION (CC & A) CCA NO: AWH-116748

By R.P.A.D.

NO: GPCB/BRCH/CCA-1506/JD-78743/679606

DT: 01/08/2022

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

And whereas Board has received consolidated application dated 27/09/2021 and forward no. 203293 for the consolidated consent and authorization (CC & A) of this Board under the provisions / rules of the aforesaid Acts, Consolidated Consent & Authorization is hereby granted as under.

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

To,
M/s. Jubilant Crop Protection Ltd,
Plot No: P1-L11, L-18, at Plot No: 5,
SEZ, Vilayat GIDC Estate,
Tal: Vagra, Dist-Bharuch.

1. Consent Order No. AWH-116778, date of issue- 25/02/2022.
2. The consent under Water Act -1974, Air Act - 1931 and Authorization under Environment (Protection) Act, 1986 shall be valid up to 26/09/2026 to operate industrial plant to manufacture following products;

Sr. No.	Products	Total Capacity (MTPA)
1	Mepiquat Chloride	2
2	Chloranquat Chloride	
3	Chlorpyrifos & its derivatives	
4	Imidacloprid	
5	Acetamiprid	
6	Thiamethoxam	
7	Thiacloprid	
8	Chlorantraniliprole	
9	Chlorantraniliprole	
10	Cyantraniliprole	
11	Triclopyr	
12	Triclopyr butoxy ethyl ester	
13	Fluroxypyr-methyl	
14	Clodinafop Propargyl	
15	Diquat dibromide	
16	Haloxypyr-P methyl	
17	Fluazifop-P-butyl	

18	Diflufenican	
19	Nicosulfuron	
20	Pidoram	
21	Clopyralid	
22	Paraquat & its derivatives	
23	Trifloxystrobin	
24	Imazethapyr	
25	Pyroxsulam	
26	Picoxystrobin	
27	Boscalid	
28	Azoxystrobin	
29	Intermediates of any of the above (#1 to #28)	
30	2-Chloro-6-(trichloromethyl) pyridine	
	Total	2

Specific conditions:

- a) Unit shall not carry out any construction activities and production which attracts provisions of Environment Clearance without obtaining EC from competent authority under EIA notification dated 14/09/2006 and amended thereafter.
- b) Unit shall comply with all the conditions stipulated by MoEF & CC in the order of Environment Clearance issued vide letter no. J-11011/311/2014-IAI(I) dtd 8th January 2018.
- c) Unit shall comply/fulfill conditions stipulated by MoEF & CC in the order of Environment Clearance issued to Jubilant Infrastructure Ltd (Sez Developer).
- d) Unit shall not procure any hazardous waste as specified under the HOWR-2016 without obtaining permission under rule-9.
- e) Unit shall sell out their hazardous waste to authorized endusers who are having authorization with valid CCA and rule 9 permission to receive this waste. Unit shall make MoU with such authorized endusers and submit MoU
- f) All the efforts shall be made to send hazardous waste to cement industry for Co-processing first & there after it shall be disposed through other option.
- g) Unit shall follow spent solvent management guideline framed by board and shall make MoU with outside distillation units, if any. Also submit the prescribed forms as per guideline.
- h) Unit shall comply MOEF & CC notification dated 13.06.2011 and its amendment from time to time.

3. CONDITION UNDER THE WATER ACT:

- 3.1 The quantity of total water consumption shall not exceed 45 KLD as per below break up.
 - a) Industrial: 44.8 KLD
 - b) Domestic: 0.2 KLD
- 3.2 The quantity of total waste water generation shall not exceed 2.2 KLD as per below break up.
 - a) Industrial: 2 KLD
 - b) Domestic: 0.2 KLD



GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN

Sector-10-A, Gandhinagar-382 010

Phone : (079) 23226295

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3.3 Mode of disposal of wastewater:

- a) 2 KLD industrial wastewater shall be treated in ETP and treated industrial wastewater shall be sent to CETP of JIL-SEZ developer for further treatment & disposal.
- b) 0.2 KLD of domestic wastewater shall be treated in STP. After meeting following norms, treated domestic waste water shall be reused in gardening/plantation within premises

Parameters	Norms
pH	6.5 to 9
TSS	< 100 mg/l
Fecal Coliform (Most Probable Number per 100 milliliter , MPN/100ml)	<1000 MPN/100ml
BOD (3 days 27 degree C)	<30 mg/l

- 3.4 Unit shall be required to make storage facilities to store the effluent for at least 48 hours by providing acid proof brick lined impervious tanks/HDPE tanks.
- 3.5 Unit shall implement & follow communication plan so that respected work can be done in minimum response time in case of emergencies.
- 3.6 Unit shall provide online monitoring system for pH, TOC and other parameters with recorder & magnetic flow meters for flow measurement of treated wastewater, if applicable, as per CPCB norms.
- 3.7 Unit shall have only one authorized outlet over the ground with full access from outside the premises.
- 3.8 In case of shut-down of plant for more than three (3) days for any reason, member unit shall intimate to CETP of JIL-SEZ & GPCB well in advance for the better operation & management of pipeline.
- 3.9 Unit shall make fixed arrangement for discharge of the effluent from their final collection tanks to the underground drainage network of CETP of JIL-SEZ. Unit shall not keep any by-pass line or system or loose or flexible pipe line for discharge of the effluent into underground drainage network of Pipeline.
- 3.10 Magnetic flow meters shall be installed at the inlet & outlet of effluent collection tanks/ETP to measure the quantity of effluent discharged into the underground drainage network of CETP of JIL-SEZ.
- 3.11 Unit shall affix of water meters for the purpose of measuring and recording the quantity of water consumed at such places as may be required, within 15 days and it shall be presumed that the quantity indicated by the meter has been consumed by the unit until the contrary is proved
- 3.12 Unit shall provide adequate / safe effluent sampling facility for the effluent being stored in final collection / discharge tank of ETP or being discharged into CETP of JIL-SEZ.
- 3.13 Unit shall put up at the entrance a board displaying the name of unit, particulars of the products/ process, the name of proprietor/partners /directors of the unit, the electricity consumer number as on the record of Torrent Power.
- 3.14 Unit shall have to display on-line data outside the main factory gate with regard to and nature of hazardous chemicals being handled in the plant, including waste water and air emission and solid hazardous waste generated within the factory premises, if applicable as per CPCB norms.
- 3.15 Unit shall either stop or curtail its production activities if the effluent is not conforming to the standards of CETP of JIL-SEZ specified by GPCB.
- 3.16 The authorized representative of CETP of JIL-SEZ project shall have right of entry at any time for the purpose of inspection and monitoring the effluent collection facilities/ETP (if required) of Unit.

- 3.17 Unit shall have to keep accurate records of quality & quantity of effluent discharged to CETP of JIL-SEZ on day-to-day basis. Separate logbook shall be maintained for recording the data & shall be made available for inspection as & when asked.
- 3.18 Unit shall keep accurate records of quantity of production of each product, quantity of water consumption, quantity of effluent generated and consumption of electricity on day to day basis and required to submit the complied record of each month to GPCB on or before fifth day of the succeeding month.
- 3.19 In case of incinerators or MEE, the flow measuring devices for mother liquor/ toxic effluent/ Non-biodegradable effluent, light diesel oil, etc. i.e. fuel used for combustion, air used for combustion shall be separately provided. Incinerator temperature recording devices as well as gaseous flow measuring devices for scrubber shall also be provided. These data of temperature & flow should be recorded every day & submitted to GPCB on monthly basis.
- 3.20 Disposal system for storm water shall be provided separately. In no circumstances storm water shall be mixed with the industrial effluent.
- 3.21 Leachate from the hazardous solid waste, if any shall also be connected into a collection tank through leachate collection facilities and shall be treated along with industrial effluent and final treated effluent shall be discharged to the CETP of JIL-SEZ.
- 3.22 If the CETP of JIL-SEZ Project authority terminates the membership of Pipeline Project, the member unit shall have to close down the manufacturing activities/industrial operation of the process plant immediately until the membership is resumed.
- 3.23 The Environmental Management Unit/Cell shall be setup to ensure implementation on and monitoring of environment safeguards and other conditions stipulated by statutory authorities. The Environmental Management Cell / Unit shall directly report to the Chief Executive of the organization and shall work as a focal point for internalizing environmental issued. These Cells also coordinate the exercise of environmental audit and preparation of environmental statements.
- 3.24 The Environmental audit shall be carryout yearly, if applicable. The environmental statements pertaining to the previous year shall be submitting to this State Board latest by 30th September every year.
- 3.25 Adequate plantation shall be carried out all along the periphery of the industrial premises in such a way that the density of plantation is at least 1000 trees per acre of land and a green belt of 5 meters width is developed.
- 3.26 In case of change of ownership/ management the name and address of the new ownership/ partners/ directors/ proprietor should immediately be intimate to the Board. Also any change in equipment or working conditions as mentioned in the consents form/ order should immediately be intimated to this Board.
- 3.27 The Board reserves the right to review and/or revoke the consent and / or make modifications in the conditions which it seems fit in accordance with provisions of Water Act-1974.

4. CONDITIONS UNDER THE AIR ACT:

- 4.1 The following shall be used as fuel:

Sr. No.	Name of fuel	Quantity
1.	Diesel	10 lit/hr

- 4.2 The flue gas emission through stack shall conform to the following standards:

Stack No.	Stack attached to	Capacity	Stack Height in Meter (From G.L.)	Air Pollution Control Measure (APCM)	Parameter	Permissible Limit
1.	D.G. Set	100 KVA	12	--	PM SO ₂ NO _x	150mg/NM ³ 100 ppm 50 ppm



GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN

Sector-10-A, Gandhinagar-382 010

Phone : (079) 23226295

Fax : (079) 23232156

Website : www.gpcb.gov.in

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

Stack No.	Stack attached to	Stack Height in Meter (From G.L.)	Air Pollution Control Measure (APCM)	Parameter	Permissible Limit
1.	Pilot Plant	11	Wet Scrubber	VOC Br ₂ HBR Cl ₂ HCl NH ₃ SO ₂	-- 2 mg/Nm ³ 5 mg/Nm ³ 5 mg/Nm ³ 20 mg/Nm ³ 30 mg/Nm ³ 40 mg/Nm ³

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

Sr. No.	Parameters	Permissible Limit (microgram /m ³)	
		Annual	24 Hours Average
1.	Particulate Matter (PM ₁₀)	60	100
2.	Particulate Matter (PM _{2.5})	40	60
3.	Oxides of Sulphur (SO ₂)	50	80
4.	Oxides of Nitrogen (NO _x)	40	80

- Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals.
 - 24 hourly or 08 hourly or 01 hourly monitored values, as applicable, shall be complied with 98% of the time in a year. 2% of the time, they may exceed the limits but not on two consecutive days of monitoring.
- 4.5 Unit shall operate industrial plant / air pollution control equipment very efficiently and continuously so that the gaseous emission always conforms to the standards specified as above.
- 4.6 The consent to operate the industrial plant shall lapse if at any time the parameters of the gaseous emission are not within the tolerance limits specified as above.
- 4.7 Unit shall provide portholes, ladder, platform etc at chimney(s) for monitoring the air emissions and the same shall be open for inspection to/and for use of Board's staff. The chimney(s) vents attached to various sources of emission shall be designed by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
- 4.8 Unit shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standards in respect of noise to less than 75 dB(a) during day time and 70 dB (A) during night time. Daytime is reckoned in between 6a.m. and 10 p.m. and nighttime is reckoned between 10 p.m. and 6 a.m.
- 4.9 All efforts shall be made to control VOC emissions and odor problem, if any.

5 GENERAL CONDITIONS: -

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

- 5.2 Adequate plantation shall be carried out all along the periphery of the industrial premises in such a way that the density of plantation is at least 1000 trees per acre of land and a green belt of 5 meters width is developed.
- 5.3 Unit shall put up at the entrance a board displaying the name of unit, particulars of the products/ process and the name of proprietor/partners /directors of the unit and the electricity consumer number as on the record of Torrent Power.

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

6.1 Number of authorization: AWH-116778, date of Issue- 25/01/2022.

6.2 M/s. Jubilant crop protection limited is hereby granted an authorization to operate facility for following hazardous wastes on the premises situated at Plot No: P1-L11, L-18, at Plot No: 5, SEZ, Vilayat GIDC Estate, Tal: Vagara, Dist-Bharuch.

Sr. No.	Name of Haz. Waste	Category Number	Total (MTPA)	Facility
1	Process wastes or residues	29.1	1.50	Collection, Storage, Transportation and Disposal at authorized CHWIF/ Co-processing / Pre-processing facility for cement industries.
2	Contaminated Organic or aqueous phase (Discarded Reaction mass / Failed reaction mass)	C12	0.50	Collection, Storage, Transportation and Disposal at authorized CHWIF/ Co-processing / Pre-processing facility for cement industries.
3	Effluent sludge	35.3	0.50	Generation, collection storage and transportation and disposal at authorized TSDF.
4	Used/ Spent Acid	29.6	0.50	Collection, Storage and treatment within premises.
5	Spent Catalyst	29.5	0.25	Collection, Storage, Transportation and Disposal at authorized CHWIF/ Co-processing / Pre-processing facility for cement industries.
6	Used/ Spent Solvent	29.4	1.25	Collection, Storage, Transportation and Disposal at authorized CHWIF/ Co-processing / Pre-processing facility for cement industries.

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

6.4 The authorization shall be in force for a period up to 26/09/2026.

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



GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN

Sector-10-A, Gandhinagar-382 010

Phone : (079) 23226295

Fax : (079) 23232156

Website : www.gpcb.gov.in

- 7. TERMS AND CONDITIONS OF AUTHORISATION:**
- 7.1 The authorised person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.
- 7.2 The authorisation or its renewal shall be produced for inspection at the request of an officer authorised by the Gujarat Pollution Control Board.
- 7.3 The person authorised shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorisation.
- 7.4 Any unauthorised change in personnel, equipment or working conditions as mentioned in the application by the person authorised shall constitute a breach of his authorisation.
- 7.5 The person authorised shall implement Emergency Response Procedure (ERP) for which this authorisation is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time;
- 7.6 The person authorised shall comply with the provisions outlined in the Central Pollution Control Board guidelines on "Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty"
- 7.7 It is the duty of the authorised person to take prior permission of the Gujarat Pollution Control Board to close down the facility.
- 7.8 The imported hazardous and other wastes shall be fully insured for transit as well as for any accidental occurrence and its clean-up operation.
- 7.9 The record of consumption and fate of the imported hazardous and other wastes shall be maintained.
- 7.10 The hazardous and other waste which gets generated during recycling or reuse or recovery or pre-processing or utilization of imported hazardous or other wastes shall be treated and disposed of as per specific conditions of authorization.
- 7.11 The importer or exporter shall bear the cost of import or export and mitigation of damages if, any.
- 7.12 An application for the renewal of an authorization shall be made as laid down under Hazardous & Other Wastes (Management and Transboundary Movement) Rules-2016.
- 7.13 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.
- 7.14 Annual return shall be filed by June 30th for the period ensuing 31st March of the year.
- 7.15 Unit shall have to display the relevant information with regard to hazardous waste as indicated in the Court's order in W.P. No. 657 of 1995 dated 14th October 2003.
- 7.16 Unit shall have to display on-line data outside the main factory gate with regard to and nature of hazardous chemicals being handled in the plant, including waste water and air emission and solid hazardous waste generated within the factory premises.
- 7.17 Unit shall have to manage used or spent oil; empty or discarded barrels / containers / liners contaminated with hazardous chemicals / wastes, process waste as per Hazardous & Other Wastes (Management and Transboundary Movement) Rules-2016, framed under the E(P)Act-1986 and shall apply Authorization for all applicable waste.

FOR AND ON BEHALF OF
GUJARAT POLLUTION CONTROL BOARD

(IRFAN KAGZI)
ENVIRONMENT ENGINEER



List of Directors as on 15.1.2021

Name & Designation	DIN	Address
Rajesh Kumar Srivastava Director	02215055	Villa No.7, ATS One Hamlet, Sector 104, Noida-201304, Uttar Pradesh
Anant Pande Director	08186854	House Number-A-3/610, Tower-5 Silver City, Sector-93, Noida-201304, Uttar Pradesh
Arun Kumar Sharma Director	06991435	House No. 55, Shankar Vihar, New Delhi-110092

For Jubilant Ingrevia Limited
(formerly known as Jubilant LSI Limited)

Deepanjali Gulati
(Company Secretary)

A Jubilant Bhartiya Company

Our Values



Jubilant Ingrevia Limited
(formerly known as Jubilant LSI Limited)
I-A, Sector 14-A,
Noida-201 301, UP India
Tel: +91 120 4361000
Fax: +91 120 4234829-96

Regd Office:
Basantpur, Gurgaon
Dist: Aronda - 244 223
Uttar Pradesh, India
CIN: U34799UP2014PLC122657

Jubilant Agro Sciences Limited
(Formerly known as Jubilant Crop Protection Limited)
List of Directors as on May 31, 2022

Sr. No.	Name	Designation	DIN	Address
1	Mr. Arvind Chokhany	Director	06668147	402, Dosti Ambrosia, Dosti Acres, Wadala East, Antop Hills, Mumbai, Maharashtra, 400037
2	Mr. Anil Khubchandani	Director	09209485	A-310, Parsavnath Majestic Floors, Indirapuram, Shipra Sun City Ghaziabad, Uttar Pradesh, 201014
3	Mr. Praveen Kumar Gupta	Director	09215124	C-4/43, Sector 15 Rohini, Delhi-110089
4	Ms. Gayatri Taragi	Director	09245540	J-413, Jalvayu Towers, Sector 56, Gurgaon, Haryana 122011
5	Mr. Ramamurthi Kumar	Director	09139426	The Sajan Sukriti Old No. 77, New No. 3, 5 th Street, AI Block, Anna Nagar, Chennai- 600040, Tamilnadu

A Jubilant Ingrevia Company

OUR VALUES



Jubilant Agro Sciences Limited
(formerly Jubilant Crop Protection Limited)
Plot No. P1-L11 & L18,
Within Jubilant - SEZ, Plot No.5,
Vilayat - GIDC Estate,
Taluka - Vagra-392 012, Distt. Bharuch,
Gujarat, India
Tel.: +91 2641 281500
Fax: +91 2641 281515

Regd & Corporate Office:
I-A, Sector 16-A,
Noida-201 301, UP, India
Tel: +91 120 4361000
Fax: +91 120 4234895-96
CIN: U24100UP2021PLC146803



Jubilant Crop Protection Limited

List of Directors as on July 15, 2021

S. No.	Name	Fathers' name	Designation	Address	Date of Appointment	Date of Birth	PAN	DIN
1	Mr. Anant Pande	Mr. Basant Ballabh Pande	Director	Apartment No.: IMP0030903 Imperial Court Tower-3, Jaypee Greens Wish Town, Sector 128, Noida, Gautam Buddha Nagar, Uttar Pradesh 201304	02/06/2021	22/03/1963	ACWPP2351F	08186854
2	Mr. Arvind Chokhany	Mr. Nandkumar Basudev Chokhany	Director	402, Dosti Ambrosia, Dosti Acres, Wadala East, Antop Hills, Mumbai, Maharashtra, 400037	15/06/2021	18/04/1972	ACUPC6177C	06668147
3	Mr. Anil Khubchandani	Mr. Ram Chandra Khubchandani	Director	A-310, Parsavnath Majestic Floors, Indirapuram, Shipra Sun City Ghaziabad, Uttar Pradesh, 201014	25/06/2021	29/08/1970	AHYPK1831G	09209485
4	Mr. Praveen Kumar Gupta	Mr. Madan Gopal Gupta	Director	C-4/43, Sector 15 Rohini, Delhi- 110089	25/06/2021	20/03/1974	ACVPG1762A	09215124

For Jubilant Crop Protection Limited

Anant Pande

Director

DIN: 08186854

A Jubilant Ingrevia Company

OUR VALUES



Jubilant Crop Protection Limited

Registered & Corporate Office:

1-A, Sector 16-A,

Noida-201 301, UP India

Tel: +91 120 4361000

Fax: +91 120 4234895-96

CIN: U24300UP2021PLC148803

CSR Budget 2024-25 (Jubilant Ingrevia Limited, Bharuch)																		
Code	Thrust Areas	JBF	Community	Others	Grand Total	April	May	June	July	August	September	October	November	December	January	February	March	FY-24-25 (budgeted)
A	HEALTH	135000	0	0	135000	0	0	0	0	0	0	33333.333	38333.33	28333.333	18333.333	8333.3333	8333.3333	135000
B	EDUCATION	5348500	0	0	5348500	130500	905500	2415500	175500	200500	200500	268000	205500	205500	215500	215500	210500	5348500
C	LIVELIHOOD	5319460	0	0	5319460	86000	86000	1215335	86000	86000	1130375	86000	86000	1155375	86000	86000	1130375	5319460
D	Rural Development	275000	0	0	275000	0	0	0	0	0	100000	0	0	150000	0	0	25000	275000
E	SOCIAL BUSINESS INCUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL RS.		11077960	0	0	11077960	216500	991500	3630835	261500	286500	1430875	387333.33	329833.33	1539208.33	319833.33	309833.333	1374208.33	11077960

CSR Budget 2024-25 (Jubilant Infrastructure Limited, Bharuch)																		
Code	Thrust Areas	JBF	Community	Others	Grand Total	April	May	June	July	August	September	October	November	December	January	February	March	FY-24-25 (budgeted)
A	HEALTH	3496000	0	0	3496000	258000	258000	298000	258000	258000	258000	418000	358000	298000	318000	258000	258000	3496000
B	EDUCATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C	LIVELIHOOD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D	Rural Development	890800	0	0	890800	105900	105900	55900	105900	105900	55900	105900	105900	125900	5900	5900	5900	890800
E	SOCIAL BUSINESS INCUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL RS.		4386800	0	0	4386800	363900	363900	353900	363900	363900	313900	523900	463900	423900	323900	263900	263900	4386800

GRAND TOTAL		15464760	0	0	15464760	580400	1355400	3984735	625400	650400	1744775	911233.33	793733.33	1963108.33	643733.33	573733.333	1638108.33	15464760
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Annexure-

Water Consumption Record:

Apr-24 (KL/Month)	May-24 (KL/Month)	Jun-24 (KL/Month)	Jul-24 (KL/Month)	Aug-24 (KL/Month)	Sep-24 (KL/Month)
6664	3944	1011	1042	1297	1425

Waste-Water Generation Record:

a) Waste water sent for discharge through JIL-CETP:

Apr-24 (KL/Month)	May-24 (KL/Month)	Jun-24 (KL/Month)	Jul-24 (KL/Month)	Aug-24 (KL/Month)	Sep-24 (KL/Month)
79.00	478.00	199	189.00	97.00	245.00

b) Wastewater reused after treatment:

Apr-24 (KL/Month)	May-24 (KL/Month)	Jun-24 (KL/Month)	Jul-24 (KL/Month)	Aug-24 (KL/Month)	Sep-24 (KL/Month)
82.00	140.00	33.00	40.00	32.00	38.00

JIL/EHS/ENV/2023/0907

15/09/2023

To,
Jubilant Agro Sciences Limited
(formerly Jubilant Crop Protection Limited)
Within Jubilant Infrastructure Limited (SEZ),
At Plot No.5, Vilayat GIDC Estate,
Tal-Vagra-392012, Dist-Bharuch, Gujarat.

Subject: CETP and Incinerator Membership & Plot Allotment P1-L11 & L18 on lease in Multi-Sectoral SEZ for Chemicals.

Reference: Your letter vide no. JASL/EHS/ENV/2023/0906 dated 15/09/2023 for CETP and Incinerator Membership with quantity.

Dear Sir,

This has reference to your letter dated 15/09/2023 seeking confirmation of your membership to Jubilant Infrastructure Limited (JIL-SEZ) CETP & Incinerator and also seeking Hazardous Wastes (HW) quantities for JIL- SEZ HW transit storage facility in respect of CCA Amendment application for SEZ Unit Jubilant Agro Sciences Limited

This is to inform you that the max capacity of infrastructure installed for the member industry are CETP 1000 KLD, Incinerator 168 KLD and HW storage facility is 1800 MT.

We have taken on record the membership already awarded by JIL-SEZ CETP in name of your company **Jubilant Agro Sciences Limited, P1-L11 & L18** (formerly Jubilant Crop Protection Limited) and confirm the allotment of waste water treatment quantity of 30 KLD at CETP and HW Transit Storage of 150 MT as per your CCA amendment application being submitted to GPCB. We have noted your requirement for Hazardous Waste storage facility during monsoon period and confirm that additional HW storage capacity of 600 MT shall be ready before 01st July 2024.

All other terms and conditions mentioned in previous issued membership documents shall remain unchanged.

Thanking you.

Page 1 of 2

A Jubilant Bharat Company
- OUR VALUES -



Jubilant Infrastructure Limited
SEZ, Devdiper
Plot No. 5, Vilayat GIDC,
Tal - Vagra, Dist. Bharuch-392 012,
Gujarat, India.
Tel: +91 2641 261300
Fax: +91 2641 261515
www.jubil.com

Corporate Office :
L-4, Sector 16-A
Noida-201 301, UP, India
Tel: +91 120 4234000
Fax: +91 120 4234025-96

Regd. Office :
L-4, Sector 16-A,
Noida-201 301, UP, India
Tel: +91 120 4234000
Fax: +91 120 4234025-96
CIN : U45201UP2006PLC031618

Yours faithfully,

For Jubilant Infrastructure Limited (SEZ),



(Authorized Signatory)

Atul Sharma

Vice President & Site Head - Bharuch

Disclosure: All information provided/submitted herewith is commercial confidential data/information, trade secrets and/or intellectual property(s) etc. of the Company or its group Companies. The Company humbly requests you to treat the data/information submitted herewith as "Strictly Confidential", and not to provide/disclose/share any data/information to any third person/party as the same is exempted from disclosure under Section 8 of the Right to Information Act, 2005 ("RTI Act"). In the event of any person makes any application to you seeking any information about the Company, the Company requests you to please issue a prior written notice to the Company along with reasonable opportunity of representation to the Company as envisaged under Section 11(1) of the RTI Act. No disclosure of any data/information can be made to any third person/party without Company's consent under the provisions of the RTI Act.



Royal

Environment Auditing & Consultancy Service

Plot No. 19 & 20, B5, The North Star West School, Magroom School Road, Mica Maya, RAJKOT - 360 005.
Ph: +91 90996 19954 • E-mail: royaleenvironment@live.com • admin@royal20environment.com

Ref No: 2019/9/2024-25

Date: 01/10/2024

REPORT OF NATIONAL AMBIENT AIR QUALITY MONITORING SEPTEMBER - 2024

Name of company: Jubilent Infrastructure Limited. (SEZ)

Address: Plot No. 5
Village GIDC, Taluka Vagra,
Dist: Bharuch - 392 012

Test Method: IS 5182_28/10/23/24/25

Sr. no.	Particulars	Unit	Normative Limit	Location No - 1							
				Near CETP (Jubilent Infrastructure Limited)							
01	Location of Sampling	—	—								
02	Work	—	—	1	2	3	4				
03	Date of sampling	—	—	06/09/2024	06/09/2024	12/09/2024	13/09/2024	19/09/2024	20/09/2024	26/09/2024	27/09/2024
04	Time of sampling	hr	—	09:15	09:30	08:15	09:30	09:30	08:45	09:00	09:15
05	Duration of sampling	Min	—	1440	1440	1440	1440	1440	1440	1440	1440
06	Direction: Wind direction of entry	—	—	NE	NE	NE	NE	NE	NE	NE	NE
07	Average Wind Speed	Km/hr	—	4 to 24	1 to 16	1 to 18	2 to 20	1 to 18	4 to 25	3 to 18	1 to 15
08	Average SO ₂ during sampling	µg/m ³	—	1.0	1.3	1.0	1.0	1.0	1.0	1.0	1.0
09	Average SO ₂ over 24 hr sampling	µg/m ³	—	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
10	Measured Concentration of PM _{2.5}	µg/m ³	40	31.2	28.1	32.6	35.1	29.3	27.0	30.2	34.2
11	Measured Concentration of PM ₁₀	µg/m ³	100	51.2	48.2	47.3	45.8	51.2	42.8	52.0	49.2
12	Measured Concentration of SO ₂	µg/m ³	80	12.3	14.5	11.5	13.8	12.4	15.8	10.3	12.1
13	Measured Concentration of NO ₂	µg/m ³	80	17.2	16.3	22.3	24.5	19.3	20.63	21.5	23.8
14	Measured Concentration of HCL	µg/m ³	400	N.D.	1.5	4.3	3.5	1.1	N.D.	N.D.	2.8
15	Measured Concentration of CO	µg/m ³	2500	90	100	80	100	105	85	90	110

ANALYST: Mr. Rakesh K. Bhatt (MCA) 21103, Gujarat Compliance with NEA 1986, PM 2.5 Sampler
Collection Date on: 09/10/2024

Royal Environment Auditing & Consultancy Service



Analyst



Royal

Environment Auditing & Consultancy Service

PLOT No. 19 & 20, Bk. The North Star West School, Inasoom School Road, Inasa Mawa, RAJKOT - 360 605.
Ph: +91 9089319954 • E-mail: royaleenvironment@live.com • admin@royalconsultancy.com

Ref No. : 20209/2024-25

Date : 04/10/2024

REPORT OF NATIONAL AMBIENT AIR QUALITY MONITORING SEPTEMBER - 2024

Name of company : **Jubilant Ingria Limited (Unit-2)**
Address : **Plot No. P1-L13 to L16, Within SEZ Plot No. 5,
Village GDDC, Gandu Vada,
Dist: Bhavnagar - 382 012**

Test Method : **IS 5102_2/6/10/23/24/25**

Sr. No.	Particulars	Unit	Permissible Limit	Location No. 2							
				Near OHC (Jubilant Ingria Limited, Unit-2)							
01	Location of Sampling	—	—								
02	Area	—	—	1	2	3	4				
03	Date of sampling	—	—	05/09/2024	06/09/2024	12/09/2024	13/09/2024	19/09/2024	20/09/2024	25/09/2024	27/09/2024
04	Time of sampling	hr	—	08:30	09:45	09:30	09:45	09:45	10:00	09:15	09:30
05	Duration of sampling	min	—	1440	1440	1440	1440	1440	1440	1440	1440
06	Observed Wind Direction (From)	—	—	NE	NE	NE	NE	NE	NE	NE	NE
07	Average Wind Speed	Kmph	—	2 to 24	1 to 16	1 to 16	2 to 20	1 to 16	4 to 26	3 to 18	1 to 15
08	Average Relative Humidity (%)	%RH	—	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
09	Average Barometric Pressure (hPa)	hPa	—	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
10	Ambient Concentration of PM 2.5	µg/m ³	89	25.6	23.5	27.1	29.3	32.8	26.7	28.1	31.2
11	Ambient Concentration of PM 10	µg/m ³	100	49.2	52.1	48.3	45.2	39.3	37.5	33.6	35.4
12	Ambient Concentration of SO ₂	µg/m ³	48	11.5	14.5	15.3	10.9	12.6	15.1	13.5	11.2
13	Ambient Concentration of NO ₂	µg/m ³	60	18.2	21.3	23.6	19.3	22.1	25.3	20.5	22.3
14	Ambient Concentration of O ₃	µg/m ³	400	N.D.	3.5	1.5	4.4	N.D.	N.D.	N.D.	1.1
15	Ambient Concentration of CO	µg/m ³	2000	80	100	85	110	106	80	100	85

14 Payment recd. - Each page HDS (APR) - 717 BL1. Quoted Sample (R) (APR 180) - PM2.5 Sample
Calculated time on : 12/09/2024

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 Ph : +91 9099019954 • E-mail : royalenvironment@ra.com • admin@royalconsultancy.com

Ref. No. : 2103/09/2024-25

Date : 01/10/2024

REPORT OF NATIONAL AMBIENT AIR QUALITY MONITORING SEPTEMBER - 2024

Name of company : Jubilant Ingreva Limited (Unit-1)
 Address : Plot No. P-1-L1, Within SEZ Plot No. 5,
 Vajrayat GIDC, Taluka Vagra,
 Dist. Bhavnagar - 392 012

Test Method : IS 5182_2010/23/24/25

Sl. No.	Particulars	Unit	Parallels Limits	Location No. 3							
				Near FC Plant (Jubilant Ingreva Limited, Unit-1)							
42	Month	—	—	1	2	3	4	5	6	7	8
43	Date of sampling	—	—	05/09/2024	06/09/2024	12/09/2024	13/09/2024	19/09/2024	20/09/2024	26/09/2024	27/09/2024
44	Time of sampling	HR	—	09:45	10:00	09:45	10:00	10:00	10:15	09:30	09:45
45	Duration of sampling	Min	—	1440	1440	1440	1440	1440	1440	1440	1440
46	Direction of Wind (at 10m)	—	—	NE	NE	NE	NE	NE	NE	NE	NE
47	Average Wind Speed	Km/h	—	4 to 24	1 to 16	1 to 18	2 to 20	1 to 18	4 to 25	3 to 18	1 to 16
48	Average flow rate during sampling	m ³ /h	—	1.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0
49	Average flow rate for Gas sampling	LPM	—	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
10	Measured Concentration of PM 2.5	µg/m ³	44	29.2	27.1	37.5	36.1	33.6	30.2	37.1	40.3
11	Measured Concentration of PM 10	µg/m ³	100	50.2	57.3	52.1	58.3	52.3	47.3	49.8	48.3
12	Measured Concentration of SO ₂	µg/m ³	84	16.5	15.4	14.2	10.3	14.6	13.5	15.2	11.2
13	Measured Concentration of NO ₂	µg/m ³	80	21.5	18.3	17.2	23.6	25.3	19.5	24.5	22.3
14	Measured Concentration of NH ₃	µg/m ³	400	N/D	1.7	2.3	1.1	N/D	N/D	N/D	2.8
15	Measured Concentration of CO	µg/m ³	3000	110	80	105	80	90	120	110	100

Remarks: 1017466 units @ 09:45hrs - 1017441 @ 10:00hrs. Sampling for PM 2.5, PM 10, SO₂ & NO₂ samples
 Calibration Date on: 12/11/2024


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Ref No: 00409/2024 25

Date: 01/10/2024

REPORT OF NATIONAL AMBIENT AIR QUALITY MONITORING SEPTEMBER - 2024

Name of company: Jubilent Ingrevia Limited (Unit-4)
Address: Plot No. P1-L1B, Within SEZ Plot No. 6,
Vijayal GIDC, Taluka Vagra,
Dist. Bharuch - 372 012.

Test Method: IS 5182_2/6/10/23/24/25

Sl. No	Parameter	Unit	Permissible Limit	Location No. 4							
01	Location of Sampling	--	--	Near Material Gate (Jubilent Ingrevia Limited, Unit-4)							
02	Month	--	--	1	2	3	4	5	6	7	
03	Date of Sampling	--	--	05/09/2024	06/09/2024	13/09/2024	13/09/2024	19/09/2024	20/09/2024	26/09/2024	27/09/2024
04	Time of Sampling	hr	--	10:00	10:15	10:00	10:15	10:15	10:30	09:45	10:00
05	Duration of sampling	Min	--	1440	1440	1440	1440	1440	1440	1440	1440
06	Direction Wind Direction (From)	--	--	NE	NE	NE	NE	NE	NE	NE	NE
07	Average Wind Speed	Kmph	--	4 to 24	1 to 15	1 to 18	2 to 20	1 to 18	4 to 25	3 to 18	1 to 18
08	Average Relative Humidity	%RH	--	10	10	10	10	10	10	10	10
09	Average flow rate for Gas sampling	CFM	--	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
10	Measured Concentration of PM _{2.5}	µg/m ³	80	35.2	31.8	29.1	28.1	32.6	34.8	35.8	29.3
11	Measured Concentration of PM ₁₀	µg/m ³	100	57.2	51.3	55.3	59.3	47.6	50.8	62.1	49.5
12	Measured Concentration of SO ₂	ppm ³	80	11.2	12.6	15.8	13.6	16.2	17.4	14.2	18.8
13	Measured Concentration of NO ₂	ppm ³	80	22.1	19.7	25.9	18.3	21.3	24.1	22.4	19.3
14	Measured Concentration of NH ₃	ppm ³	400	N.D.	1.9	N.D.	2.5	N.D.	1.1	N.D.	N.D.
15	Measured Concentration of CO	ppm ³	2000	80	110	100	95	80	90	100	105

Instrument used: Coroner Model RMA 4004 - 147 (L) - 4 Channel Sampler for Ambient Air, Model 200
Calibration Date on: 13/08/2024


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Ref. No. : 245/09/2024-25

Date : 01/10/2024

REPORT OF AMBIENT NOISE LEVEL MEASUREMENT (Day Time)

Description of Location: Jubilant Infrastructure Limited, Sez Plot No.5, Villayat GIDC, Taluka; Vagra, Dist. Bharuch - 362 052.				Sampling Date: 21/09/2024				
Noise Level Meter								
Make	:	Lutron						
Model	:	SL-4030						
Serial No.	:	Q604160						
Calibration	:	Done on : 17/05/2024						
Calibration Results of Noise Level Meter								
Calibration	:	94 dB at 1000 Hz			114 dB at 1000 Hz			
Initial	:	93.9			114.1			
Final	:	93.8			113.9			
Sampling Rate	:	1 Sec						
S.No.	Date & Time	Location	Sound Parameters - dB(A)					
			Leq	L₁₀	L₅₀	L₅₀	L_{min}	L_{max}
01.	21/09/24 6:00 am to 20:00 pm	Sec. Main Gate-JIL (South)	64.2	67.7	62.7	60.2	59.2	68.2
02.		Sub Station-JIL (North-East)	63.8	67.3	62.3	59.8	58.8	67.8
03.		Canteen Area-JIL	55.8	59.3	54.3	51.8	50.8	59.8
04.		CETP-JIL (South-East)	66.1	69.6	64.6	62.1	61.1	70.1
05.		Niacinamide Plant (Unit-1)	69.9	73.4	68.4	65.9	64.9	73.9
06.		H ₂ Gas Station (Unit-1)(East)	62.3	65.6	60.6	58.3	57.3	66.3
07.		Utility (Unit-2)(North-West)	57.8	61.3	56.3	53.8	52.8	61.8
08.		Ware House (Unit-2)	59.9	63.4	58.4	55.9	54.9	63.9
09.		Material Gate (Unit-4)	61.5	65.0	60.0	57.5	56.5	65.5
10.		ETP_Unit-4	57.2	60.7	55.7	53.2	52.2	61.2
11.		Near OHC (Unit-3)	50.2	53.7	48.7	46.2	45.2	54.2
12.		Near MEE Plant (Unit-3)	66.5	70.1	65.1	62.6	61.6	70.6
Monitoring Team & Sign.			 Authorized Sign.			 Conducted by		
<small>Note: (1) The method for calculation of average Leq: To convert average of dB(A), each value is to be divided by 10, followed by antilog and finally calculate arithmetic mean. The final value is converted in logarithm followed by multiplication with 10 (2) monitoring must be carried for 75% of the prescribed day time and night time for legal compliance. (3) L_{max} and L_{min} are reported hourly basis and (4) L₅₀ & L₉₀ also recorded to understand the intensity of the noise for further course of action.</small>								



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Ref. No : 246/09/2024-25

Date : 01/10/2024

REPORT OF AMBIENT NOISE LEVEL MEASUREMENT (Night Time)

Description of Location: Jubilant Infrastructure Limited, Sez Plot No.5, Villayat GIDC, Taluka: Vagra, Dist. Bharuch - 362 052.			Sampling Date: 21/09/2024					
Noise Level Meter								
Make	:	Lutron						
Model	:	SL-4030						
Serial No.	:	Q604160						
Calibration	:	Done on : 17/05/2024						
Calibration Results of Noise Level Meter								
Calibration	:	94 dB at 1000 Hz	114 dB at 1000 Hz					
Initial	:	93.9	114.1					
Final	:	93.8	113.9					
Sampling Rate	:	1 Sec.						
S.No.	Date & Time	Location	Sound Parameters - dB(A)					
			Leq	L ₁₀	L ₅₀	L ₉₀	L _{min}	L _{max}
01.	21/09/24 20:00 pm to 6:00 am	Sec. Main Gate-JIL (South)	59.9	63.4	58.4	55.9	54.9	63.9
02.		Sub Station-JIL (North-East)	51.5	55.0	50.0	47.5	46.5	55.5
03.		Canteen Area_JIL	49.8	53.3	48.3	45.8	44.8	53.8
04.		CETP-JIL (South-East)	51.5	55.0	50.0	47.5	46.5	55.5
05.		Niacinamide Plant (Unit-1)	57.2	60.7	55.7	53.2	52.2	61.2
06.		H ₂ Gas Station (Unit-1 (East))	49.9	53.4	48.4	45.9	44.9	53.9
07.		Utility (Unit-2 (North-West))	50.2	53.7	48.7	46.2	45.2	54.2
08.		Ware House (Unit-2)	52.6	56.1	51.1	48.6	47.6	56.6
09.		Material Gate (Unit-4)	50.8	54.3	49.3	46.8	45.8	54.8
10.		ETP_Unit-4	47.6	51.1	46.1	43.6	42.6	51.6
11.		Near OHC (Unit-3)	44.3	47.8	42.8	40.3	39.3	48.3
12.		Near MEE Plant (Unit-3)	50.9	54.4	49.4	46.9	45.9	54.9
Monitoring Team & Sign.			 Authorized Sign.		 Conducted by			
<small>Note: (1) The method for calculation of average Leq: To convert average of dB(A), each value is to be divided by 10, followed by arithlog and finally calculate arithmetic mean. The final value is converted in logarithm followed by multiplication with 10. (2) monitoring must be carried for 75% of the prescribed day time and night time for legal compliance. (3) L_{max} and L_{min} are to be reported hourly basis and (4) L₅₀ & L₉₀ also recorded to understand the intensity of the noise for further course of action.</small>								





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TEST REPORT (WASTE WATER)

Test Report No : 246/06/2024-25

Date : 01/10/2024

Work Order No : JIL/054/24-25

Job Card No : JLSL/2024-25/05

Name of Company : Jubilant Infrastructure Ltd. (SEZ)

SEZ Plot No. 5,

Vitayat GIDC, Taluka Vagra,

Dist : Bhavnagar - 392 012.

Attention : Mr. Lalubhai S. Kar

Date of Sample Receipt : 23/09/2024

Date & Time of Sample Collection: 21/09/24 at 16:45 Hrs.

Lab ID : W024-25/09/20

Date of Testing : 23th to 26th September 2024

Sample Type : Waste Water

Description of Sample Packing : Plastic Carbo

Type of Sampling : Grab

Quantity of Sample : 5 Ltr.

Description : Treated Water

Sample Collected By : Royal Environment

Sampling Method : IS 3025 : Part 1

Conditioning of Sample (if any) : NIL

Location of Sample : Treated Water - JIL, CETP Outlet

Sl. No.	Parameters	Unit	Permissible Limits as per CPCB	Results	Test Method
01.	pH	---	5.5 - 8.0	7.20	IS : 3025, Part - 11
02.	Temperature	°C	Shall not exceed 3°C above the receiving water temperature	35	IS : 3025, Part - 9
03.	Color	pt.co	All efforts shall be made to remove color & unpleasant odour as far as practicable	25	IS : 3025, Part - 4
04.	Suspended Solids	mg/l	100	28	IS : 3025, Part - 17
05.	Oil & Grease	mg/l	20	< 0.1	IS : 3025, Part - 39
06.	Phenolic Compound	mg/l	5.0	< 0.01	IS : 3025, Part - 43
07.	Ammonical Nitrogen	mg/l	50	4.0	IS : 3025, Part - 34
08.	BOD (3 days 27°C)	mg/l	100	32	IS : 3025, Part - 44
09.	COD	mg/l	250	78	APHA : 5220 C
10.	Sulphides	mg/l	5.0	0.02	IS : 3025, Part - 29
11.	Copper	mg/l	3.0	0.03	APHA : 3500 Cu
12.	Lead	mg/l	2.0	0.02	IS : 3025, Part - 47
13.	Mercury	mg/l	0.01	< 0.01	APHA : 3500 Hg
14.	Total Chromium	mg/l	2.0	0.01	APHA : 3500 Cr - B
15.	Hexavalent Chromium	mg/l	1.0	0.02	APHA : 3500 Cr - B



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TEST REPORT (WASTE WATER)

Test Report No : 249/09/2024-25

Date : 01/10/2024

Work Order No : JIL/254/24-25

Job Card No. : JLSL/2024-25/05

Name of Company : **Jubilant Infrastructure Ltd. (SEZ)**

SEZ Plot No. 5,

Vilayat GIDC, Taluka Vagra,

Dist. Bharuch - 392 012.

Attention : Mr. Lalubhai S. Kar

Date of Sample Receipt : 23/09/2024

Date & Time of Sample Collection: 21/09/24 at 16:45 Hrs.

Lab ID : W/24-26/09/20

Date of Testing : 23th to 26th September 2024

Sample Type : Waste Water

Description of Sample Packing : Plastic Carbo

Type of Sampling : Grab

Quantity of Sample : 5 Ltr

Description : Treated Water

Sample Collected By : Royal Environment

Sampling Method : IS 3025 : Part 1

Conditioning of Sample (if any) : NIL

Location of Sample : Treated Water - JIL, CETP Outlet

Sl. No.	Parameter	Unit	Permissible Limits as per CPCB	Results	Test Method
16	Nickel	mg/l	5	0.05	IS : 3025, Part - 54
17	Zinc	mg/l	15	< 0.01	APHA : 3500 Zn - B
18	Cadmium	mg/l	2	< 0.01	APHA : 3500 Cd
19	Cyanide	mg/l	0.2	< 0.01	IS : 3025, Part - 27
20	Arsenic	mg/l	0.2	< 0.01	APHA : 3500 As
21	Fluorides	mg/l	15	0.03	IS : 3025, Part - 60
22	Insecticides/ Pesticides	mg/l	Absent	Absent	USEPA
23	Selenium	mg/l	0.05	< 0.01	APHA : 3500 Se - C
24	Boron	mg/l	2	< 0.01	APHA : 4500 B - C
25	Bio Assay Test	—	90% Survival of fish after 96 hrs. in 100 % effluent	95%	APHA : 8910 C


Authorized Signatory
Parik Godhani (QMW1M)


Reviewed by

* End of Report *

1. This test report shall not be reproduced except in full, without written approval from the Royal Environment Auditing & Consultancy Service
2. The results relate only to the item tested

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Ref. No. : 245/09/2024-25

Date : 01/10/2024

REPORT OF AMBIENT NOISE LEVEL MEASUREMENT (Day Time)

Description of Location: Jubilant Infrastructure Limited, Sez Plot No.5, Villayat GIDC, Taluka; Vagra, Dist. Bharuch - 362 052.				Sampling Date: 21/09/2024				
Noise Level Meter								
Make	:	Lutron						
Model	:	SL-4030						
Serial No.	:	Q604160						
Calibration	:	Done on : 17/05/2024						
Calibration Results of Noise Level Meter								
Calibration	:	94 dB at 1000 Hz			114 dB at 1000 Hz			
Initial	:	93.9			114.1			
Final	:	93.8			113.9			
Sampling Rate	:	1 Sec						
S.No.	Date & Time	Location	Sound Parameters - dB(A)					
			Leq	L ₁₀	L ₅₀	L ₅₀	L _{min}	L _{max}
01.	21/09/24 6:00 am to 20:00 pm	Sec. Main Gate-JIL (South)	64.2	67.7	62.7	60.2	59.2	68.2
02.		Sub Station-JIL (North-East)	63.8	67.3	62.3	59.8	58.8	67.8
03.		Canteen Area-JIL	55.8	59.3	54.3	51.8	50.8	59.8
04.		CETP-JIL (South-East)	66.1	69.6	64.6	62.1	61.1	70.1
05.		Niacinamide Plant (Unit-1)	69.9	73.4	68.4	65.9	64.9	73.9
06.		H ₂ Gas Station (Unit-1)(East)	62.3	65.6	60.6	58.3	57.3	66.3
07.		Utility (Unit-2)(North-West)	57.8	61.3	56.3	53.8	52.8	61.8
08.		Ware House (Unit-2)	59.9	63.4	58.4	55.9	54.9	63.9
09.		Material Gate (Unit-4)	61.5	65.0	60.0	57.5	56.5	65.5
10.		ETP_Unit-4	57.2	60.7	55.7	53.2	52.2	61.2
11.		Near OHC (Unit-3)	50.2	53.7	48.7	46.2	45.2	54.2
12.		Near MEE Plant (Unit-3)	66.5	70.1	65.1	62.6	61.6	70.6
Monitoring Team & Sign.			Authorized Sign.			Conducted by		
<small>Note: (1) The method for calculation of average Leq: To convert average of dB(A), each value is to be divided by 10, followed by antilog and finally calculate arithmetic mean. The final value is converted in logarithm followed by multiplication with 10 (2) monitoring must be carried for 75% of the prescribed day time and night time for legal compliance. (3) L_{max} and L_{min} are reported hourly basis and (4) L₅₀ & L₉₀ also recorded to understand the intensity of the noise for further course of action.</small>								



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Ref. No : 246/09/2024-25

Date : 01/10/2024

REPORT OF AMBIENT NOISE LEVEL MEASUREMENT (Night Time)

Description of Location: Jubilant Infrastructure Limited, Sez Plot No.5, Villayat GIDC, Taluka: Vagra, Dist. Bharuch - 362 052.		Sampling Date: 21/09/2024						
Noise Level Meter								
Make	:	Lutron						
Model	:	SL-4030						
Serial No.	:	Q604160						
Calibration	:	Done on : 17/05/2024						
Calibration Results of Noise Level Meter								
Calibration	:	94 dB at 1000 Hz			114 dB at 1000 Hz			
Initial	:	93.9			114.1			
Final	:	93.8			113.9			
Sampling Rate	:	1 Sec.						
S.No.	Date & Time	Location	Sound Parameters - dB(A)					
			Leq	L ₁₀	L ₅₀	L ₉₀	L _{min}	L _{max}
01.	21/09/24 20:00 pm to 6:00 am	Sec. Main Gate-JIL (South)	59.9	63.4	58.4	55.9	54.9	63.9
02.		Sub Station-JIL (North-East)	51.5	55.0	50.0	47.5	46.5	55.5
03.		Canteen Area_JIL	49.8	53.3	48.3	45.8	44.8	53.8
04.		CETP-JIL (South-East)	51.5	55.0	50.0	47.5	46.5	55.5
05.		Niacinamide Plant (Unit-1)	57.2	60.7	55.7	53.2	52.2	61.2
06.		H ₂ Gas Station (Unit-1 (East))	49.9	53.4	48.4	45.9	44.9	53.9
07.		Utility (Unit-2 (North-West))	50.2	53.7	48.7	46.2	45.2	54.2
08.		Ware House (Unit-2)	52.6	56.1	51.1	48.6	47.6	56.6
09.		Material Gate (Unit-4)	50.8	54.3	49.3	46.8	45.8	54.8
10.		ETP_Unit-4	47.6	51.1	46.1	43.6	42.6	51.6
11.		Near OHC (Unit-3)	44.3	47.8	42.8	40.3	39.3	48.3
12.		Near MEE Plant (Unit-3)	50.9	54.4	49.4	46.9	45.9	54.9
Monitoring Team & Sign.		 Authorized Sign.			 Conducted by			
<small>Note: (1) The method for calculation of average Leq: To convert average of dB(A), each value is to be divided by 10, followed by arithlog and finally calculate arithmetic mean. The final value is converted in logarithm followed by multiplication with 10. (2) monitoring must be carried for 75% of the prescribed day time and night time for legal compliance. (3) L_{max} and L_{min} are to be reported hourly basis and (4) L₅₀ & L₉₀ also recorded to understand the intensity of the noise for further course of action.</small>								





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TEST REPORT (WASTE WATER)

Test Report No : 246/06/2024-25

Date : 01/10/2024

Work Order No : JIL/054/24-25

Job Card No : JLSL/2024-25/05

Name of Company : Jubilant Infrastructure Ltd. (SEZ)

SEZ Plot No. 5,

Vitayat GIDC, Taluka Vagra,

Dist : Bhavnagar - 392 012.

Attention : Mr. Lalubhai S. Kar

Date of Sample Receipt : 23/09/2024

Date & Time of Sample Collection: 21/09/24 at 16:45 Hrs.

Lab ID : W024-25/09/20

Date of Testing : 23th to 26th September 2024

Sample Type : Waste Water

Description of Sample Packing : Plastic Carbo

Type of Sampling : Grab

Quantity of Sample : 5 Ltr.

Description : Treated Water

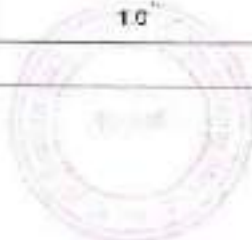
Sample Collected By : Royal Environment

Sampling Method : IS 3025 : Part 1

Conditioning of Sample (if any) : NIL

Location of Sample : Treated Water - JIL, CETP Outlet

Sl. No.	Parameters	Unit	Permissible Limits as per CPCB	Results	Test Method
01.	pH	---	5.5 - 9.0	7.20	IS : 3025, Part - 11
02.	Temperature	°C	Shall not exceed 3°C above the receiving water temperature	35	IS : 3025, Part - 9
03.	Color	pt.co	All efforts shall be made to remove color & unpleasant odour as far as practicable	25	IS : 3025, Part - 4
04.	Suspended Solids	mg/l	100	28	IS : 3025, Part - 17
05.	Oil & Grease	mg/l	20	< 0.1	IS : 3025, Part - 39
06.	Phenolic Compound	mg/l	5.0	< 0.01	IS : 3025, Part - 43
07.	Ammonical Nitrogen	mg/l	50	4.0	IS : 3025, Part - 34
08.	BOD (3 days 27°C)	mg/l	100	32	IS : 3025, Part - 44
09.	COD	mg/l	250	78	APHA : 5220 C
10.	Sulphides	mg/l	5.0	0.02	IS : 3025, Part - 29
11.	Copper	mg/l	3.0	0.03	APHA : 3500 Cu
12.	Lead	mg/l	2.0	0.02	IS : 3025, Part - 47
13.	Mercury	mg/l	0.01	< 0.01	APHA : 3500 Hg
14.	Total Chromium	mg/l	2.0	0.01	APHA : 3500 Cr - B
15.	Hexavalent Chromium	mg/l	1.0	0.02	APHA : 3500 Cr - B





Royal

Environment Auditing & Consultancy Service

Plot No. 19 & 20, B/s The North Star Nest School, Masoom School Road, Mota Mota, RAJKOT - 360 006.
Ph: +91 9089919954 ■ E-mail: royalservice@live.com ■ admin@royalconsultancy.com

TEST REPORT (WASTE WATER)

Test Report No : 249/09/2024-25

Date : 01/10/2024

Work Order No : JIL/254/24-25

Job Card No. : JLSL/2024-25/05

Name of Company : **Jubilant Infrastructure Ltd. (SEZ)**

SEZ Plot No. 5,

Vilayat GIDC, Taluka Vagra,

Dist. Bharuch - 392 012.

Attention : Mr. Lalubhai S. Kar

Date of Sample Receipt : 23/09/2024

Date & Time of Sample Collection: 21/09/24 at 16:45 Hrs.

Lab ID : W/24-26/09/20

Date of Testing : 23th to 26th September 2024

Sample Type : Waste Water

Description of Sample Packing : Plastic Carbo

Type of Sampling : Grab

Quantity of Sample : 5 Ltr

Description : Treated Water

Sample Collected By : Royal Environment

Sampling Method : IS 3025 : Part 1

Conditioning of Sample (if any) : NIL

Location of Sample : Treated Water - JIL, CETP Outlet

Sl. No.	Parameter	Unit	Permissible Limits as per CPCB	Results	Test Method
16	Nickel	mg/l	5	0.05	IS : 3025, Part - 54
17	Zinc	mg/l	15	< 0.01	APHA : 3500 Zn - B
18	Cadmium	mg/l	2	< 0.01	APHA : 3500 Cd
19	Cyanide	mg/l	0.2	< 0.01	IS : 3025, Part - 27
20	Arsenic	mg/l	0.2	< 0.01	APHA : 3500 As
21	Fluorides	mg/l	15	0.03	IS : 3025, Part - 60
22	Insecticides/ Pesticides	mg/l	Absent	Absent	USEPA
23	Selenium	mg/l	0.05	< 0.01	APHA : 3500 Se - C
24	Boron	mg/l	2	< 0.01	APHA : 4500 B - C
25	Bio Assay Test	—	90% Survival of fish after 96 hrs. in 100 % effluent	95%	APHA : 8910 C


Authorized Signatory
Parik Godhani (QMW1M)


Reviewed by

* End of Report *

1. This test report shall not be reproduced except in full, without written approval from the Royal Environment Auditing & Consultancy Service
2. The results relate only to the item tested

Doc. No. F/7.8/03, Issue No. 01, Issue Date : 01-01-22, Amended No. —, Amended Date : —

Page 2 of 2

MEMORANDUM OF UNDERSTANDING

MOU between beneficiary industries as participants and GIDC as Project Management Agency (PMS) for Dahej Water Supply Project.

Gujarat Industrial Development Corporation has undertaken on agency basis the Water Supply Project for Management of Project, Planning, Designing, Estimating and execution thereof, for the industries in ^{Vilayat} Dahej Area. GIDC is acting as a Nodel Agency as Managers for raw water supply project at the instance of request of industries located in the area since the year 1995 AD. As also, GIDC shall be keeping liaison with participants, various agencies, various departments of the Govt. etc. for the purpose of seeking permissions, grants, sanctions and approvals for supply of water from river Narmada through pipe line to the industries in ^{Vilayat} Dahej area. In order to facilitate the implementation of the Project in time making financial arrangement, operation and maintenance of the water supply scheme smoothly and to the satisfaction of the participant Industries, this M.O.U is required to be executed. This MOU is entered into this _____ day of _____ Two thousand _____ between Gujarat Industrial Development Corporation, established under the provision of Gujarat Industrial Development Act 1962 (Gujarat of 1962), having its own office at Block No. 3,4& 5 Udyog Bhavan, Sector 11, GH Road, Gandhinagar hereinafter referred to as the Corporation as for Manager for (which expression where the context so requires shall admits shall be deemed to include its successors and assignees) of the first Part and JUBILANT INFRASTRUCTURE LIMITED (SEZ, DAVAR, VAP) Plot No.5, GIDC, Vilayat Taluka - Vagra, Dist. Bharuch (hereinafter referred to as " the Participant" which expression where the context so requires and admits shall be deemed to include his successors, Administrators and assigns successors business and assigns) of the Second part.

0.0 As participating Member, my / our water demand be registered as 0.77 MGD. As on the date of MOU, the project is estimated to 163.25 Crores for ^{0.8} 25 MGD capacity. However, for determining the capital contribution of each participant pro-rata to this Booked / Registered water demand based on unit cost of Rs. 6.53 Crore / MGD which stands determined as may be worked out by Total "Q" as quotational factor.

Dy. Executive Engineer
G. I. D. C., Bharuch



Handwritten signature

Agreement for water supply
Rs. 200/-



1.0 PROJECT CONTROL / MONITORING.


1.1. All the participant shall form up the Project Steering Committee (PSC), Project Operation & Maintenance Steering Committee (POM & SC) and Project Governing Board (PGB) whose formations and Authority viz. a. viz. jurisdiction the dead line and time limit for formation of committee shall be decided through the Memorandum of Association (MoA) for this project. Till then, the Project Steering Committee as nominated by GIDC Board Resolution be continued to function.

1.1.1 In broader sense, the scope for the project Steering Committee / Project O&M Steering Committee shall be to look in to day to day affairs of the on going, Project / O&M for which, there shall be regular fortnightly meeting to take place at Bharuch only. This committee shall consider work progress viz-a-viz resolving any up coming problems for the techno financial and administrative view point. This committee shall intended to be represented by one member per participating industry and committee shall be chaired by the senior most officer of the GIDC available for the meeting.

1.1.2 The Project Governing Board shall be represented by the senior most representative of each participating industrial unit who would be nominated / authorized for all the techno financial and administrative policy decision for this project during execution of Project as well during the O&M of this project. This Board shall be chaired by the Ex-officio VC&MD of GIDC or nominee of the level of CE/ CAO.

2.0 PROJECT Components

Whereas, " the participants " having its industry / residential colony in ^{Vilepar} Dahej and such allied earmarked areas is desirous to get the water supply and having agreed to participate as Member for Dahej Water Supply Project by way of contributing pro-rata capital contribution, and the Corporation has accepted to undertake the water


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supply project for these participant industries in Dahej, based on river Narmada as source of water.

And whereas "the Corporation" has planned the Project with components like Intake Well and allied other civil / electrical / mechanical works at Angareshwar, up to 3000 feet from Angareshwar to Bhersam near village Vilayat, Intake Well water storage reservoir for 3 days storage capacity, near Bhersam, off take works for Raw Water Storage Reservoir pipeline from Bhersam to Dahej, 7 days storage reservoir at Dahej, pump house, pumping machinery, power supply arrangements at Angareshwar and Bhersam so as to convey raw water from river Narmada upto common reservoir at Dahej. The design capacity of the project is 25 MGD though; it is being implemented in phase as per the requirement. The project is already taken up by the Corporation on the request of the industries since 1995 (for the purpose of co-ordinated Management only).

2.1.1 Through the above components of the Project, water to be pumped from river Narmada near Angareshwar will be conveyed upto Dahej reservoir from where, participants shall have to arrange at their own cost for pumping and conveying water upto their plant site. The cost of the Project does not include any arrangements for pumping and conveying water beyond common raw water storage reservoir at Dahej, although facility to in house pumps, motors etc. would be made available as part of Project itself.

2.2 Role of GIDC.

The Corporation shall undertake the work of survey, land acquisition, procurement of land strips for laying, proving & laying through ROU process, designing, planning, preparing detailed estimates, obtaining necessary permission from the respective departments, tender for different components of the project, execution of pipe laying work including CD works consisting of railway crossing, highway crossing, canal crossing, liaisoning with different agencies, collection of contribution from the participants, maintaining the accounts etc. administrative works related to ^{Vilayat} Dahej water supply project, as Managers on behalf of owners participating beneficiary industries including


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GIDC itself for GIDC's allottees and as also, representing for and on behalf of Development of Dahej SEZ)

2.3 Agency charges


For the Project Management of such large magnitude, Corporation will be required to engage its staff, tools and plants with its administrative and professional experience. Agency charges at 17.85% on actual Project cost and on operation and maintenance cost of the water supply scheme of every year shall be charged by the Corporation. These charges shall be for the parameters covered up under the provisions of relevant G.R. of GoG. However, if dispute arises on the issue of operation and maintenance cost, it shall be resolved in light of the discussions held on dated 18.2.2006 with VC&MD, GIDC & MoM thereafter circulated by Executive Engineer, GIDC, Bharuch.

2.4 Management of the spare capacity by GIDC.

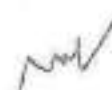
The committed water demand of all participant members if works out to less than 25 MGD, then, in order to design and implement the Project for 25 MGD, GIDC shall contribute for the balance capacity so as to make total 25 MGD. The Corporation therefore, reserves the right to utilize or allot the balance capacity of water to industries likely to come at Dahej in future. GIDC also may hold the RIGHT and authority to accord approval to allow any of the Members to allow / accommodate any water demand of other participant and / or allottee of GIDC whose water demand can not be separate, catered through individual pipe line. However, preference for further water allocation shall always be given to present participant in the project including new participant with a suitable payment.

2.5 MEMBERS JOINING IN FUTURE

- (i) The Project is taken up in phases and in future, if the spare capacity is available out of 25 MGD, the existing participants shall hold Right of First Reservation and accordingly any member who joins at a later in


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future in this Project, shall have to contribute the pro-rata cost of the Project with interest worked out from time to time. This premium or interest if so earned shall be payable pro-rata to the investment on bridging finance, if so provided by GIDC and / or who so ever the participant that may be.

- (ii) Deposits made by the participants against the earlier 20 MGD water pipe line project will first be adjusted against the pro-rata contribution payable by the participant.

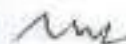
2.6 Participants shall contribute for Project to the Corporation as the funds in advance as per the demand note provided by the Corporation, which will be based on the cash flow requirement for implementation of the Project. The contribution of each participants shall be worked out pro-rata of their water demand in MGD (Million gallons per day) out of 25 MGD capacity of the proposed cost.

2.7 Since the project is taken up from the contribution of "the participants" based on and pro-rata to their committed water demand, it will not be normally possible to refund the amount of the capital contribution. However, in case of committed water demand matching to substitute water demand of yet another allottee of GIDC, is available as much quantity proposed to be reduced out of the said MEMBER or exceeds 25 MGD at that time, requested for reduction in demand may be considered. However, to take any and all the decisions in this regards, the Governing body shall only be authorized for.

2.8 The participants will not claim any interest on such contributions paid by them towards the proposed water supply project. In case due to any circumstances, participant is not able to set up its unit and request for refund of the contributions, it may be considered at the discretion of Authority to be created out of consortium of participating, beneficiary industries who may form up a Governing Body for such policy decision.


Dy. Executive Engineer
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2.8.1 The contribution of the participants shall finally be adjusted on completion of the project. The cost of the project will be estimated initially and finalized on completion of works at tender rates / cost of actual execution, that shall be worked out upon the determining, total Project cost at the state of COMPLETION OF PROJECT FOR CAPITAL COMPONENTS / WORKS TO BE CERTIFIED BY THE PROJECT STEERING COMMITTEE AND SWITCHING OVER TO OPERATION AND MAINTENANCE OF WATER SUPPLY TO MEMBERS.

3.0 Operation and maintenance of water supply scheme.

The Corporation shall if so decided and entrusted by Project Governing Board, carrying out all activities pertaining to operation and maintenance of the water supply Project. The Corporation shall engage necessary staff and machinery required for O&M of the Project from Angareshwar to Dahej.


3.1 Water charges - O&M

The Corporation shall work out the water charges for supply of water to the participants for supplied water quantity in Kilo Lit. The charges will be revised from time to time and the bills will be issued every month or at every quarter on the quantitative basis. The formulation and modus operandi to implement system of approving and recovery of water charges shall be decided by Project O&M Steering Committee.

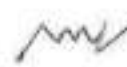
3.2 Each participant shall have to register their demand to draw water during the year like 2004-2005 in advance as prescribed by the Irrigation Department and shall have to pay the reservation charges through the Corporation.

This process needs to be done for every ensuing year for demanded to be freeze in the moth of December of each running (current) year, for the demand of water to be registered for next / ensuing financial year.

3.3 For the quantity actually supplied to the participants, the bills will be raised based on the water charges worked out by the corporation and approved by the Project O&M steering committee. ~~the cost of the power bills.~~


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contractual agency charges consumable stores, irrigation bills, depreciation and other misc. etc. and GIDC's agency charges as per clause 2.3 above. Since the water supply scheme of GIDC from Nand to Vilayat is being used on temporary basis for water supply to Industries at Dahej, charges for the same in the form of depreciation and interest, if any, shall be considered in the water charges till that scheme is utilized for the industries at Dahej.

3.4 Accounts for the Project both for capital contribution as well as O&M charges by way of water rate shall be maintained by the office of Executive Engineer, GIDC, Bharuch / Ankleshwar. The participating members shall be provided with duly audited credit / debit account for within 30 days at the end of each quarter and yearly / quarterly account, the purpose shall be appointed as consented by the Project Standing Committee.


4.0 Measurement of the quantity supplied

4.1 The quantity of the water supply shall be measured by the water meter. The water meter shall be installed at the cost of the participants at the starting point of their branch pipe line from reservoir. The meters shall be maintained and repaired at the cost of the participants. The meter shall be approved as fit acceptable by the Executive Engineer, GIDC as may further be acceptable / approvable by the Authority of Irrigation Department of Govt. of Gujarat.

4.2 (i) The participants shall maintain the meter well and shall provide a meter box for the protection of the meter to the satisfaction of Executive Engineer or authorized officer of the Corporation:

ii) All the water supplied to the participants shall be charged according to the quantity supplied and / or consumed as registered by the meter.

iii) The bills of charges, at the rates mentioned in clause 3.1 shall be prepared by the Dy. Executive Engineer or his authorized representative of the Corporation for every month, and sent to the participants latest by the first week of month / quarter and shall be payable by participants by Demand Draft / pay order payable at Bharuch only within a fortnight for monthly bill or one month for quarterly bill, as the case may be. If arrears of water charges in


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excess of one bill period accumulate, the Corporation shall at its own option hold right to take such measures as may be necessary to recover the charges with the interest as per the policy of the Project Governing Board and even for disconnecting supply of water to the participants may be effected.

iv) In the event of the water meter giving incorrect reading and/or installation of other meter procedure and prevailing policy of the Project Governing Board shall be applicable to participant.

4.3 (i) The Officer in charge may disconnect water connection by giving 07 (seven) days notice to the participants if it fails to pay the water charges or other charges, if any, within the prescribed time limit and even if, there be any dispute regarding, the amount of charges, the same shall to be paid as per demand and refund may have to ask thereafter, upon settlement of disputes.

ii) The officer -in-charge shall have power to disconnect supply in any of the following cases upon giving prior notice of 30 days period.

(a) If leakage or any, other defects in the participants pipeline are likely to cause loss to the project O&M.


(b) In case of broken pipe or fittings causing loss of water, which are likely to cause damage to property, after such notice as may be possible has been given to the participants.

(c) If any attempt is made to temper with meter in any way, by or for way of respective participants. Committee will be comes to look into the issues related to meter & its working.

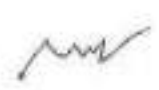
(d) If pollution nuisance is created by the participants consumer and by the advise of GPCB, if disconnection of water is to be enforced.

(e) By default of Member to respond to Rules of Effluent Disposal Project for Vilayat - Dahej Area (including arrears of drainage cess, if so applicable etc.) This would be applicable to beneficiaries of Effluent Disposal system for Dahej Vilayat Estate of GIDC.

4.4 Where the connection is cut off due to any default of the participants the connection can be resumed thereafter only on the clearance of cause of


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disconnection effected to by the Member participants and paying reconnection charges, as specified by the Executive Engineer, GIDC.

- 4.5 The water drawn by the participants shall not be sold or supplied to any person, firm or company, or other body except with the written permission of the Governing Board and on such terms and conditions as may be stipulated by the same.
- 4.6 The participants shall pay all the legal expenses, all the charges and expenses that may prop out of legal claims, if so imposed by the judicial authorities against GIDC as PMA and / or any / all member Participants for the cause arising and for causes attributable to this project, stamp duty, registration and translation charges and all other costs, charges and expenses incurred in connection with or arising out.


5.0 Arbitration:

In case of a dispute between participants or participant and the Corporation, the decision of the Chairman, Project Governing Board shall be final and binding to the all concerned.

- 5.1 In the event that even the decision over disputes, as may be offered by the PGB, if not being accepted / disputed further then such disputes may be resolved through an Arbitrator and through procedure as laid down by the Arbitration Act 1996 (and its amendments from time to time)

6.0 Ownership of Project.


The overall projects assets shall be jointly co-owned by all the pro-rata contributory Members / Participants. Thereby, the Annual Depreciation also shall be distributable pro-rata to their Registration "Q"


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7.0 The terms & conditions are as under

1. The applicant shall have to undergo revised MOU with GIDC and they have to go for the revised agreement with GIDC as regards water requirement with the Regional Manager, Ankleshwar.
2. The applicant shall have to bear the cost of changing the diameter of the existing distribution lines to their plot to cater their demand of water as & when required.
3. The applicant shall have to bear the cost of contribution charges as per their new approved demand with interest.
4. The applicant shall have to bear the cost of changing the diameter of the existing diameter of the existing drainage lines to their plot to absorb the effluent as & when required.
5. The applicant shall have to pay three months deposits etc for water connection as per the rules of water supply of the corporation.
6. The applicant shall have to pay the committed charges as & when made applicable as per rules of water supply of the corporation. (The same shall be leviable from the date of higher size connection and date of application in case of upward revision & down ward revision respectively).
7. The applicant shall have to arrange for laying the service connection lines with highly precise water meter from GIDC mains to their plot as per the field officer instruction.
8. The applicant shall have to bring the certificate for their revised demand of water from GPCB as per the rules of the corporation.
9. The demand of the applicant is approved from their date of applications.
10. The size of water connection should be verified as per revised water demand within 30 days at the party's own cost.
11. The party shall have to pay all the outstanding charges of water supply, drainage cess, contribution charges, service charges etc.
12. The private bore if any, shall have to seal.


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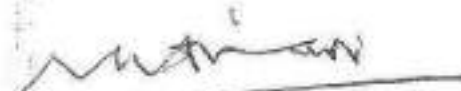
13. If the usage of water is more than approved quantity, then the party shall have to pay double the rate of excess quantity.

In witness WHEREOF the parties to this MOU or agreement have set their hands and common seals there to on the day and the year first above written.

SIGNED SEALED AND DELIVERED BY

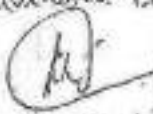
On behalf of
Participant Company

1


Ravindra Tamari

2

In the presence of


Neeraj Tripathi s/o Shri S. C. Tripathi

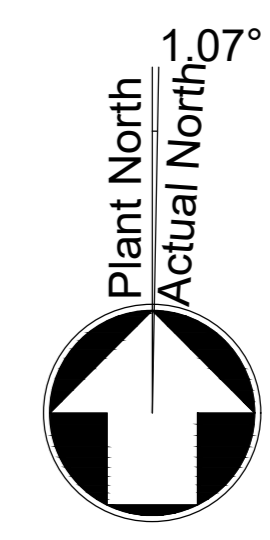
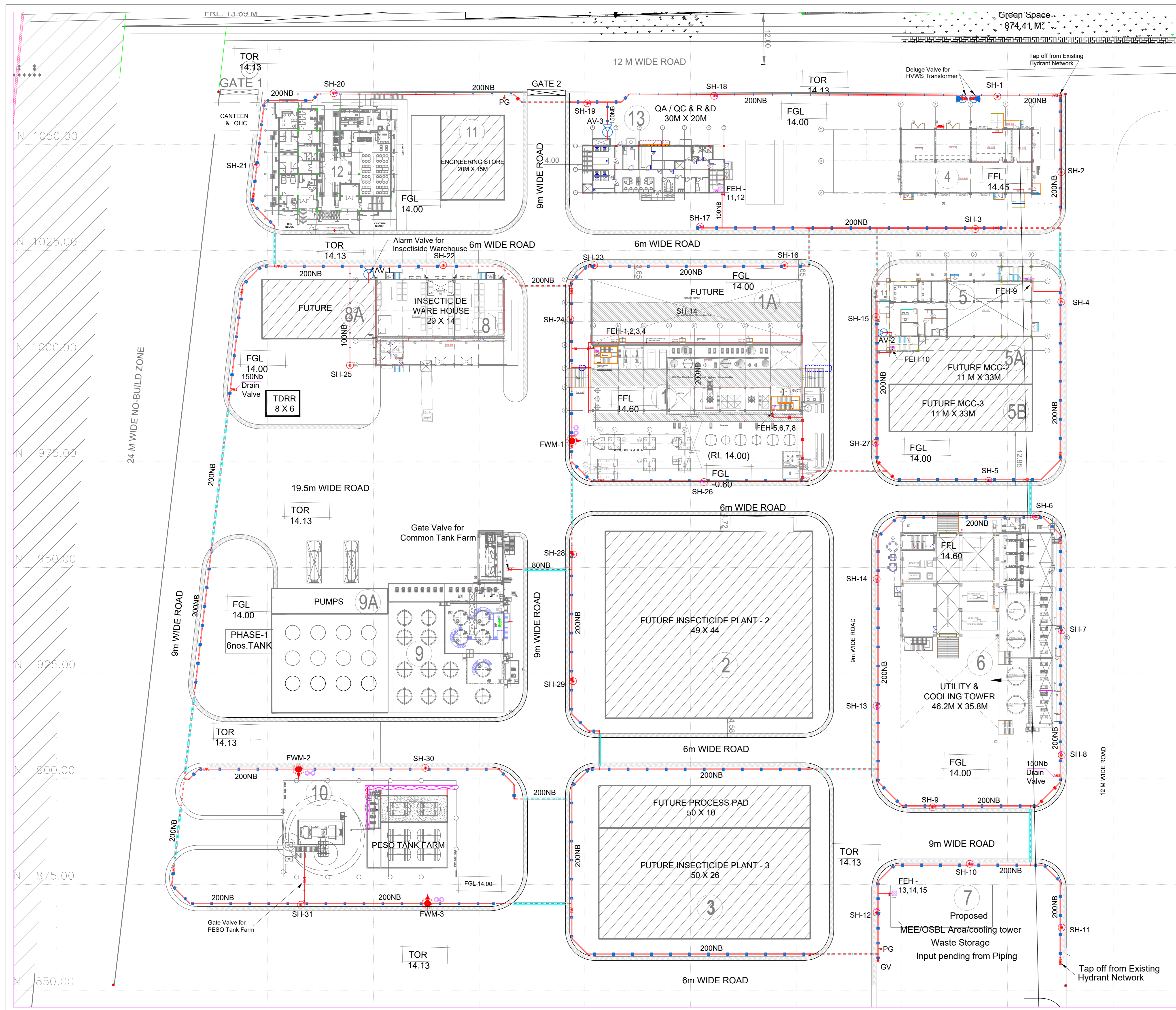
By Shri _____
Sugar Industrial Development Corporation

on behalf of the

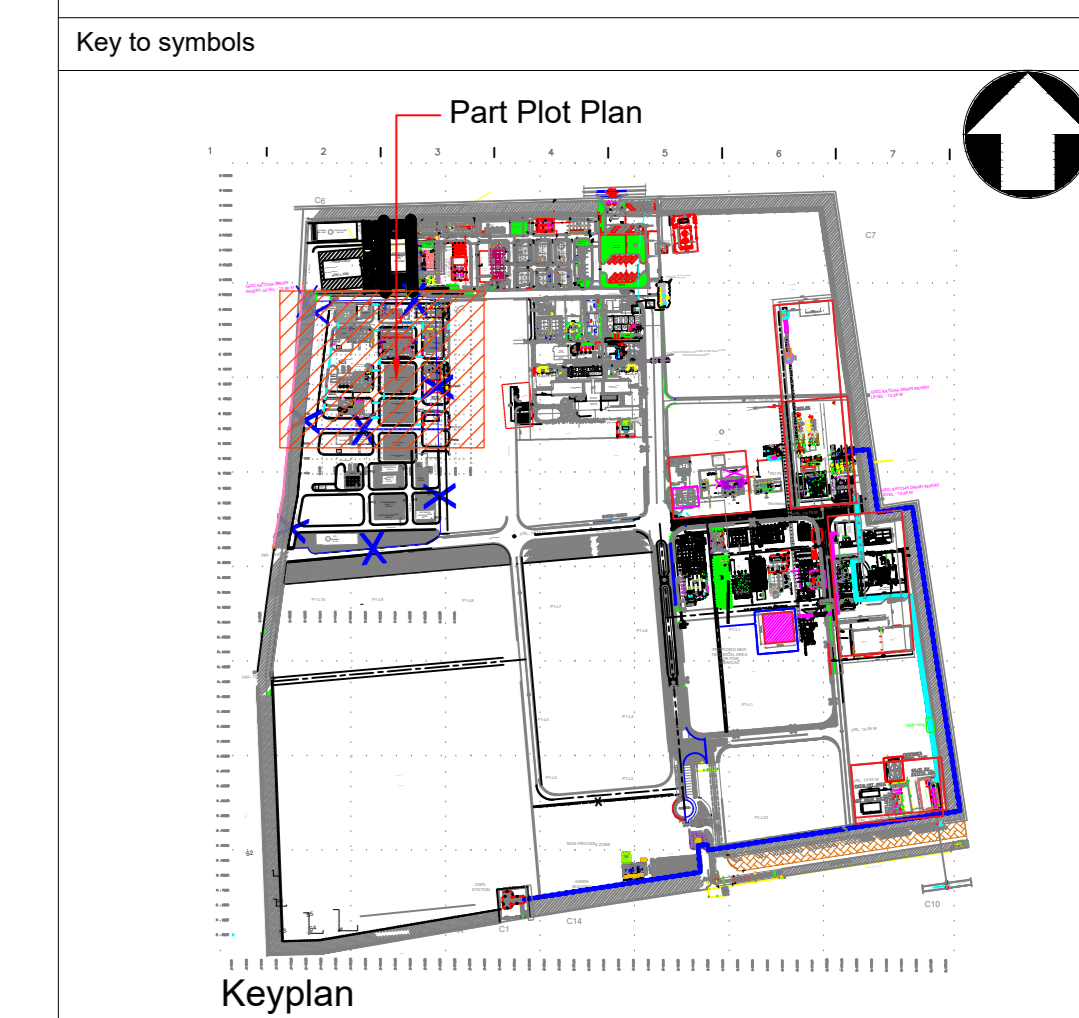
In the presence of


Dy. Executive Engineer
G. I. D. C., Bharuch - vijayal





- Notes
- All dimensions are in mm & elevation are in m, unless otherwise specified.
 - Wrapping & Coating should be as per IS 10221 and should be (min.) 4mm thick and corrosive tape for under ground piping should be extended 300mm (min.) above ground piping at both side.
 - Under ground piping shall be laid not less than 1.0mtrs. below the finished ground level (FGL)
 - All the Hume pipes laid for under ground piping shall be NP-3 class.
 - 10% weld joints of piping shall be subjected to Radiography test, and at least 50% of weld joints shall be selected from field joints.
 - Entire Fire Water Piping shall be Hydrotested to a pressure of 13.2 kg/cm².
 - Under ground pipe header shall be minimum 5mtrs. away from the face of the building/equipment.
 - Pipes, pipe fittings, valves etc. shall be as per approved specification.
 - Above ground pipe shall be at least 300 mm from finished floor ground level.
 - Spacing of above ground pipe support shall be 6.0m for sizes 150a & above and 3.0m for pipe size less than 150a.
 - Fire hydrant not be less than 2mtrs. and not more than 15mtrs. from face of the building for light hazard & moderate hazard.
 - Fire hydrant shall be locate minimum 6m. to 15m. from face of bldg./plant for high hazard.
 - Max. Velocity in Fire Water should not be more than 5m/sec.
 - All Risers have Isolation valve at 1.0m above Ground level.
 - All Hose Box shall be inspected externally once in every week & Hose Box shall be cleaned internally & external once in month.
 - All hose shall be 65 mm diameter.
 - Fire protection Hose shall not be used for purposes other than fire protection & drill.
 - Successful bidder has to check interference with other services while laying fire hydrant line.
 - This drawing is for reference only, successful bidder has to do the further detail engineering based on this drawing & with relevant reference drawings.



Reference drawings

Sr No.	Drawing No.	Description	Rev
1.	414624-MMD-00-XX-DR-AR-0001	Plot Plan	C05

- Fire Hydrant Main (Above ground)
- Fire Hydrant Main (Under ground)
- SH Single Hydrant
- FWM Foam Water Monitor
- FEH Fire Escape Hydrant
- GV Gate Valve
- HB Hose Box
- HR Hose Reel
- AV Alarm Valve
- DV Deluge Valve
- RCC Hume Pipe
- Foam Drum (AFFF Foam Concentrate 200 Ltrs.)
- PG Pressure Gauge
- Pedestal

Fire Water Tank Capacity (Existing)

Description	Fire Water Capacity in Cu.m.
Tank-1	2250
Tank-2	2250
Total	4500

Existing Fire Pump :-

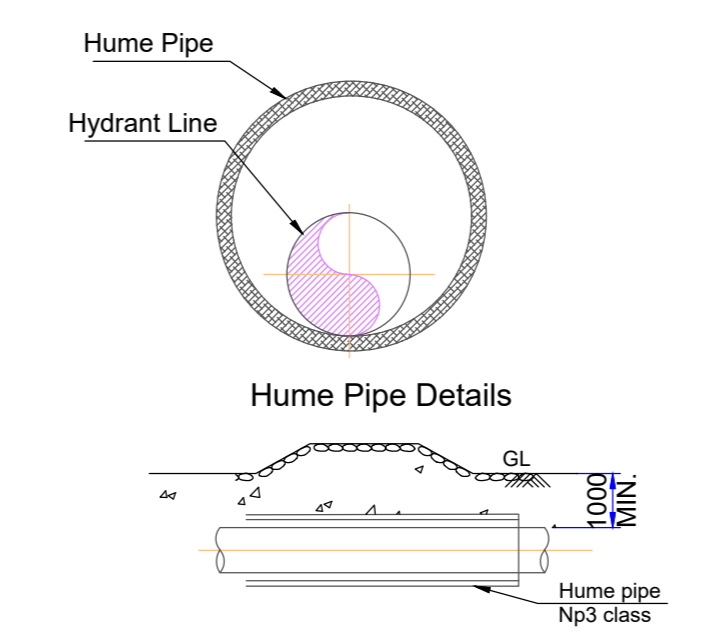
Tag No.	Description	Qty	Pump Capacity m ³ /hr	Prime Mover	Minimum Pressure kg/cm ²	Application
SP-001	Main Pump (HSC)	01	410	Elect. Motor	8.8	Hydrant System
SP-002	Main Pump (HSC)	01	410	Elect. Motor	8.8	Sprinkler System
SP-003	Jockey Pump	01	15	Elect. Motor	8.8	Hydrant System
SP-004	Jockey Pump	01	35	Elect. Motor	8.8	Sprinkler System
SP-005	Standby Pump (HSC)	01	410	Diesel Engine	8.8	Hydrant / Sprinkler System

Schedule of Hydrant (Proposed Bldg./Plants)

Sr. No.	Description	Proposed Qty.	Equivalent Qty. (Nos.)	Total Hyd. Qty. (Nos.)
G1	Single Hydrant-(SH)	31	01	31
G2	Fire Escape Hydrant (FEH)	15	01	15
G3	Foam Water Monitor (FWM)	03	03	09
Total				55

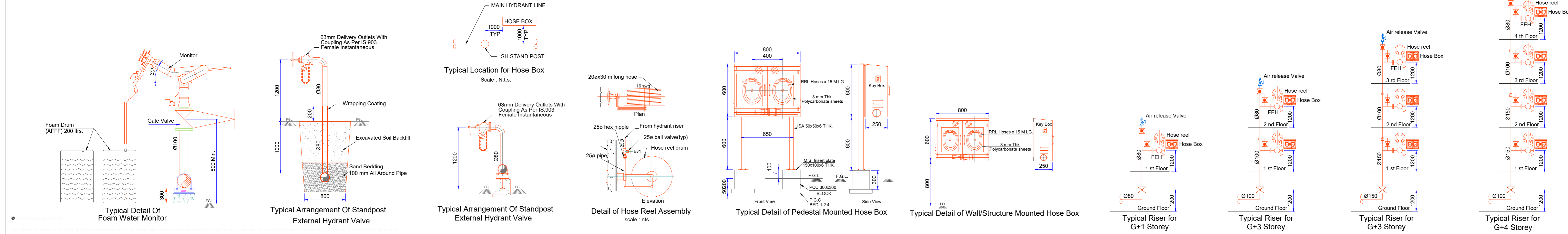
Proposed Alarm Valve :-

Sr. No.	Description	Alarm Valve Qty.	Deluge Valve Qty.	Gate Valve Qty.
1	Insecticide Warehouse	1 No.	-	-
2	Common Tank Farm Unloading Area	-	-	1 No.
3	PESO Unloading	-	-	1 No.
4	QA / QC & R & D	2 No.	-	-
5	QA & QC Lab (Elec. Substation)	1 No.	-	-
6	Transformer (2 Nos.)	-	2 Nos.	-
Total		3 Nos.	2 Nos.	2 Nos.



Size Of Service Pipe (mm) Nb	Size Of Hume Pipe (mm)
250	450
200	450
150	350
100-80	350

Typical Detail of Fire Pipe Crossing Road Scale : nts



NOT FOR CONSTRUCTION

M M
MOTT MACDONALD

Unit No 101, First Floor
NOMJURA Building,
Hiranandani Gardens
Mumbai
T +91 (022) 4908 0100
F
W www.mottmac.com

Client
Jubilant Ingrevia Ltd.
Plot No.5 Vilayat GIDC
Taluka Vagra, Bharuch - 392012
Gujarat, India

Title
**JLL Plant Bharuch Design
Plot Plan
Fire Hydrant System Layout**

Sheet 1 of 1

Designed A.Rane	AR	ENG check V.Mhate	VM
Drawn A.Rane	AR	Coordination V.Mhate	VM
Dwg check K.Panchal	KP	Approved A.DIGHE	AD
MMD Project Number 414624		Scale at A0 AS SHOWN	STD
Suitability Description Published-CONCEPT		Revision 414624-MMD-00-XX-DR-FP-0001	A2 C01

FORM NO. 33
 (Prescribed under Rule 68-T and 102)

Certificate of Fitness of employment in hazardous process and operations
 (TO BE ISSUED BY FACTORY MEDICAL OFFICER)

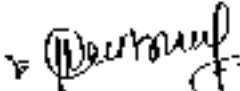
- | | |
|---|---------------------------------|
| 1. Serial number in the register of adult workers | 44000048 |
| 2. Name of the person examined | Nitish Rajaram |
| 3. Father's Name | Manchand Rajaram |
| 4. Sex | Male |
| 5. Residence | Bhandup (W), Mumbai - 40 |
| 6. Date of birth, if available | 25/12/91 |
| 7. Name & address of the factory | Tectonic Engineering Ltd. |
| 8. The worker is employed/proposed | |
| (a) Hazardous process | |
| (b) Dangerous operation | Manipulation of Acids & Alkalis |

I certify that I have personally examined the above named person whose identification marks are ~~more or less~~ ^{correct} and who is desirous of being employed in above mentioned process/operation and that his/her, age, as can be ascertained from my examination, is 22 years.

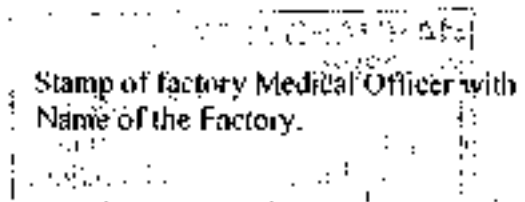
In my opinion he/she is fit for employment in the Said manufacturing process/operation.

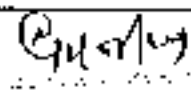
In my opinion he/she is ~~unfit~~ for employment in the said manufacturing process/operation for the reason He/She is referred for further examination to the Certifying Surgeon.

The serial number of previous certificate is


 Signature or left hand thumb
 Impression of the person examined:


 Signature of the Factory Medical Officer:


 Stamp of factory Medical Officer with Name of the Factory.

I certify that I examined the person mentioned above on (date of examination)	I extend this certificate unfit if certificate is not extended, the period for which the worker is considered unfit for work is to be mentioned)	Signs and symptoms observed during examination	Signature of the Factory medical Officer with date.
12-1-2024	fit		

Notes :
 1. If declared unfit, reference should be made immediately to the Certifying Surgeon.
 2. Certifying Surgeon should communicate his findings to the occupier with 30 days of the receipt of this reference.]

FORM NO. 32
(Prescribed under Rule 68-T and 102)

Health Register

1. Serial Number in the Register of adult Worker-44000007
2. Name of Worker: VIKAS KUMAR
3. Sex: M/M/F
4. Date of birth: 09/06/2000

		Medical Examination & results there of																
																If declared Unfit for work		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17		
DEPT / WORKS	Name of Hazardous process	Dangerous process Operation	Nature of Job or Occupation	Raw material products or by product likely to be exposed to	Date of Posting	Date of leaving - to transfer or transfer	Reasons for discharge leaving or transfer	Date	Signs and symptoms Observed during examination	Nature of tests & results thereof	Result Fit / Unfit	Period of temporary Withdrawal from that work	Reasons for such withdrawal	Date of declaring him Unfit for that work	Date of issuing fitness Certificate	Signature with date of the factory Medical Officer/ the Certifying Surgeon		
UNIT-3	ORGANIC CHEMICAL		PRODUCTION CHEMIST		21-08-21			03/07/24	NAD	Physical Examination and vision, colour vision, Ht, wt, spirometry, Audiotometry, E.C.G, Blood & Urine Examination	FIT							



 03/07/24

Training Record

Sr. No	Date	Topics Covered	Employee attained Training			Training Duration (in minutes) (b1)
			Company (a1)	Contract or (a2)	Total (a1+a2)	
1	04.04.24	SOP	7	1	8	35
2	04.04.24	Area cleaning	9	0	9	30
3	05.04.24	Importance of communication	5	0	5	30
4	07.04.24	NFPA	5	0	5	14
5	08.04.24	2 3 lutidine SOP	7	0	7	15
6	08.04.24	Production planning	6	0	6	26
7	08.04.24	BBS	3	5	8	30
8	13.04.24	ENMS	6	0	6	20
9	13.04.24	BEta unloading safety	4	0	4	13
10	14-04-24	Fire & Emergency awareness training	12	4	16	30
11	15-04-24	Hot work & work at height safety	0	10	10	30
12	15-04-24	DOcument compliance CTCMP	8	1	9	30
13	15-04-24	PTW	6	0	6	35
14	16-04-24	Weekly siren testing	5	0	5	30
15	16-04-24	Welding work safety	3	5	8	30
16	16-04-24	SOP	3	0	3	40
17	16-04-24	BBS	1	5	6	30
18	17-04-24	ERT refresher training	15	1	16	90
19	17-04-24	Dligitalization	6	0	6	40
20	17-04-24	BPR & SOP	10	0	10	30
21	20.04.24	MOC	5	0	5	40
22	22.04.24	PTW	6	0	6	15
23	22.04.24	5S	5	0	5	15
24	22.04.24	EHS induction	2	3	5	120
25	23.04.24	Access control	0	30	30	120
26	24-04-24	HAZOP	8	1	9	35
27	24-04-24	Centrifuse SOP	7	0	7	75
28	24-04-24	BPR & SOP	7	1	8	65
29	25-04-24	EHS induction	0	1	1	180
30	25-04-24	Weekly siren testing	9	2	11	30
31	22-04-24	BBS	5	0	5	25
32	26-04-24	Fork lift driving safety	2	2	4	20
33	28-04-24	12 life saving rules	7	0	7	30
34	29-04-24	Data integrity	9	1	10	120

35	29-04-24	12 life saving rules	7	3	10	60
36	29-04-24	Safety induction	0	7	7	60
37	29-04-24	12 life saving rules	0	39	39	45
38	29-04-24	Data integrity	10	0	10	60
39	30-04-24	12 life saving rules	4	0	4	20
40	30-04-24	12 life saving rules (03 training)	20	3	23	30
41	30-04-24	12 life saving rules	4	4	8	25
42	30-04-24	EHS induction	1	1	2	180
43	30-04-24	BPR & SOP	9	0	9	140
44	03.05.24	BBS	5	0	5	40
45	04.05.24	Piccolo drying & crystallisation	10	0	10	90
46	04.05.24	Piccolo drying & crystallisation	10	0	10	90
47	06.05.24	BBS	6	0	6	30
48	07.05.24	SOP of weighing balance	8	0	8	60
49	08.04.24	Ammonia tanker unloading safety	5	0	5	15
50	21.05.24	HIRA , HAZOP, PSSR	10	0	10	85
51	24.05.24	PPEs awareness session by M/S KARAM	15	25	40	90
52	09.05.24	EHS Induction	1	2	3	180
53	10.05.24	PTW	1	0	1	120
54	13.05.24	IMS	10	0	10	60
55	14.05.24	SOP : Amonical notrogen	1	4	5	120
56	15.05.24	12 life saving rules	0	12	12	30
57	15.05.24	ERT drill	18	2	20	90
58	16.05.24	BBS	2	5	7	30
59	16.05.24	NFPA Diamond	5	0	5	15
60	16.05.24	FPN stage purification	10	0	10	90
61	20.05.24	12 LSR	6	0	6	20
62	24.05.24	SOP: hazard identification	6	0	6	120
63	27.05.24	EHS Induction	0	2	2	180
64	27.05.24	Benzene tanker safety	5	0	5	20
65	27.05.24	bbb	2	5	7	30
66	27.05.24	OHS training	5	0	5	40
67	27.05.24	Non routine JSA permit	0	10	10	30
68	27.05.24	12 LSR	3	0	3	10
69	28.05.24	MOC	5	0	5	30
70	28.05.24	5S role in safety	0	10	10	30

71	28.05.24	PTW	5	0	5	120
72	28.05.24	Work at height	1	1	2	20
73	29.05.24	Work at height	0	10	10	30
74	28.05.24	Regonomic hazard	5	0	5	40
75	30.05.24	Fire incident sharing Rajkot game zone fire	0	10	10	30
76	30.05.24	Battery & UPS overview	3	0	3	10
77	31.05.24	LOTO	1	0	1	15
78	31.05.24	Process Validation	10	0	10	30
79	01.06.24	BOT BPR	6	0	6	65
80	03.06.24	EHS Induction	9	3	12	180
81	03.06.24	Unsafe activity	1	0	1	30
82	05.06.24	PHA	24	0	24	300
83	06.06.24	PHA	18	0	18	300
84	08.06.24	GMP	10	0	10	35
85	08.06.24	PTW	0	10	10	30
86	08.06.24	Sanchetna	0	7	7	30
87	08.06.24	Forklift and stacker operation	0	5	5	38
88	12.06.24	HAZARD communication	6	1	7	35
89	10.06.24	MSDS	4	0	4	25
90	10.06.24	Motor overview	2	0	2	30
91	12.06.24	DI & GDP	16	0	16	100
92	13.06.24	Safety awareness	0	20	20	30
93	13.06.24	Disposal of scrap	9	1	10	55
94	13.06.24	Ammonia tanker change over safety	5	0	5	26
95	14.06.24	Incident sharing	1	10	11	45
96	14.06.24	Work at height	0	10	10	45
97	15.06.24	Learning from incident	6	1	7	120
98	15.06.24	DCS	7	1	8	30
99	17.06.24	SOP	1	0	1	37
100	17.06.24	SOP	1	0	1	35
101	17.06.24	SOP	1	0	1	37
102	17.06.24	SOP	10	0	10	50
103	17.06.24	SOP	1	0	1	27
104	17.06.24	SOP	1	0	1	33
105	17.06.24	SOP	1	0	1	31
106	17.06.24	SOP	1	0	1	35
107	18.06.24	SOP	1	0	1	75
108	18.06.24	SOP of AHU filter cleaning	1	0	1	75

109	18.06.24	SOP dispatch	1	0	1	77
110	19.06.24	SOP of cleaning	1	0	1	102
111	29.06.24	BPR	10	0	10	62
112	19.06.24	BPR	5	1	6	57
113	19.06.24	RC	1	3	4	60
114	19.06.24	UEL & LEL	6	0	6	40
115	19.06.24	Electric safety	7	3	10	35
116	20.06.24	Fall protection	7	3	10	41
117	22.06.24	Cleaning of warehouse	0	10	10	33
118	22.06.24	Learning from incident	7	0	7	16
119	22.06.24	SOP	6	1	7	120
120	20.06.24	Security frisking	0	20	20	90
121	20.06.24	Unit operation	8	2	10	45
122	24.06.24	First aid	7	0	7	35
123	24.06.24	Electrical safety week	4	0	4	120
124	24.06.24	Sampling SOP	10	0	10	50
125	24.06.24	12 LSR	3	0	3	10
126	24.06.24	EnMS	11	1	12	55
127	24.06.24	5S	9	2	11	40
128	24.06.24	Electric safety	1	19	20	40
129	24.06.24	PPEs usage	0	10	10	25
130	24.06.24	Falcking & Packing	8	2	10	45
131	25.06.24	Calibration	10	0	10	60
132	25.06.24	Fire drill	7	4	11	90
133	25.06.24	Safety during rainy seaso	6	2	8	20
134	25.06.24	Ladder safety	10	0	10	55
135	25.06.24	Nearmiss & Hazard	7	0	7	45
136	26.06.24	Man power handlingq	9	2	11	45
137	26.06.24	SOP	8	0	8	37
138	26.06.24	Galss column operation	6	0	6	30
139	27.06.24	OHS training	6	0	6	30
140	27.06.24	Process safety	7	3	10	40
141	27.06.24	Quality management	7	2	9	40
142	28.06.24	Importance of Dyke wall	6	0	6	30
143	28.06.24	Lab safety	3	3	6	32
144	28.06.24	Nearmiss	4	1	5	120
145	29.06.24	Importance of line	8	0	8	35
146	29.06.24	Importance of PPE	9	0	9	30
147	29.06.24	PTW	7	2	9	60
148	29.06.24	12 LSR	7	1	8	30
149	29.06.24	PTW	7	3	10	20
150	29.06.24	MSDS	7	3	10	20
151	29.06.24	GMP	13	0	13	50

152	29.06.24	VFD overview	1	0	1	20
153	02.07.24	12 LSR	5	2	7	60
154	05.07.24	SOP	10	0	10	50
155	05.07.24	SOP	10	0	10	30
156	05.07.24	IP based sien system	9	0	9	60
157	05.07.24	Work place violance	8	0	8	52
158	05.07.24	SOP trg	10	0	10	90
159	05.07.24	change control	10	0	10	50
160	06.07.24	PTW	5	0	5	35
161	06.07.24	Product recovery	8	1	9	40
162	06.07.24	Quality management	9	0	9	40
163	08.07.24	12 LSR	1	1	2	30
164	08.07.24	EHS induction	1	1	2	180
165	10.07.24	Height work safety	7	0	7	55
166	10.07.24	PPEs importance	0	5	5	42
167	10.07.24	Forklift and stacker operation	0	2	2	30
168	10.07.24	Forklift and stacker operation	0	1	1	30
169	11.07.24	Fall ptotection device use	0	5	5	30
170	11.07.24	Lifting msterail	7	0	7	55
171	11.07.24	12 LSR	3	1	4	30
172	11.07.24	Learning from incident	4	0	4	30
173	11.07.24	12 LSR	7	3	10	35
174	11.07.24	Chlorination	8	0	8	40
175	12.07.24	Maintnence of ligting and AC	3	0	3	60
176	12.07.24	On site & off site emergency handling	9	0	9	40
177	12.07.24	Solvent handling safety	5	1	6	30
178	12.07.24	12 LSR	1	2	3	30
179	12.07.24	12 LSR	4	0	4	20
180	12.07.24	HAZOP	10	0	10	35
181	11.07.24	EHS induction	5	2	7	180
182	11.07.24	12 LSR	11	2	13	30
183	12.07.24	SOPs checklist	10	0	10	125
184	13.07.24	5S	7	0	7	40
185	14.07.24	12LSR	8	0	8	30
186	15.07.24	PTW	0	14	14	120
187	15.07.24	DCS audit	7	0	7	47
188	15.07.24	Product storage- sensitive of temp.	4	2	6	95
189	15.07.24	SOP	10	0	10	95

190	16.07.24	Ladder safety	4	3	7	50
191	16.07.24	PSM element	5	4	9	45
192	17.07.24	labelling, packing, FG	8	1	9	95
193	17.07.24	Safety during line breaking	5	0	5	25
194	17.07.24	Hazard Identification	9	0	9	40
195	17.07.24	Vortex flow meter	7	0	7	49
196	17.07.24	DI & GDP	1	4	5	60
197	17.07.24	Time management	8	0	8	30
198	18.07.24	function of vibration sensor	6	0	6	49
199	18.07.24	Frisking	0	15	15	30
200	17.07.24	Labeling, packing	8	1	9	35
201	19.07.24	Importance of communication flow chart	9	0	9	45
202	19.07.24	RC awareness	5	3	8	60
203	22.07.24	Defensive driving	0	4	4	30
204	22.07.24	Height & Hot work safety	1	13	14	25
205	22.07.24	SOP	7	0	7	51
206	22.07.24	Assembly point	10	0	10	60
207	23.07.24	PPEs use	4	5	9	60
208	23.07.24	SOP	6	0	6	52
209	23.07.24	Cardinal rule	7	1	8	40
210	23.07.24	batch change procedure	10	0	10	120
211	24.07.24	12 LSR	3	7	10	60
212	24.07.24	EnMS	7	0	7	40
213	24.07.24	Dyke wall importance	7	0	7	30
214	25.07.24	Earth pit resistance checking	2	0	2	40
215	25.07.24	Sampling safety	7	0	7	30
216	23.07.24	Batch charging	10	0	10	125
217	27.07.24	12 LSR trg to R&D team	5	1	6	15
218	29.07.24	Sanchetns	0	6	6	35
219	29.07.24	Scaffolding safety	0	10	10	35
220	29.07.24	Safety awareness	5	3	8	30
221	29.07.24	BPR & ECR preparation	9	1	10	80
222	30.07.24	MSDS	7	2	9	30
223	30.07.24	6S	2	0	2	30
224	30.07.24	Awareness regarding storm water	9	1	10	60
225	30.07.24	Awareness regarding storm water	6	1	7	60

226	30.07.24	Awareness regarding storm water	7	0	7	50
227	30.07.24	12 LSR	0	10	10	35
228	30.07.24	Power tool safety	0	10	10	40
229	30.07.24	equipment cleaning	9	1	10	60
230	31.07.24	VFD	2	0	2	40
231	01.08.24	Use of PPEs in Chemical Handling	9	1	10	40
232	01.08.24	EHS induction trg	5	2	7	180
233	01.08.24	12 LSR rule	5	2	7	30
234	02.08.24	Emergency response & preparedness	9	1	10	30
235	02.08.24	6s activity and responsibility	3	1	4	60
236	06.08.24	IP based siren system	3	0	3	60
237	06.08.24	5s	7	1	8	45
238	07.08.24	Types of ejector	7	1	8	40
239	07.08.24	Env monitoring procedure	7	1	8	55
240	07.08.24	level guage replacemnet	4	2	6	25
241	08.08.24	Ammonia lineup safety	5	1	6	24
242	08.08.24	PTW SOP trg	4	0	4	150
243	08.08.24	Switchyard equipment overview	3	0	3	15
244	08.08.24	Passbox troubleshooting	4	0	4	30
245	09.08.24	Types of extinguisher	7	1	8	40
246	09.08.24	5s methodology	5	0	5	60
247	10.08.24	Height work safety	10	0	10	30
248	12.08.24	laboratory safety	3	2	5	25
249	12.08.24	BBS	2	5	7	30
250	13.08.24	Utility handling safety	7	3	10	30
251	13.08.24	Utility handling safety	8	2	10	30
252	14.08.24	Distillation	7	1	8	45
253	14.08.24	12 LSR rule	5	0	5	24
254	14.08.24	safety meeting importance	4	0	4	60
255	14.08.24	Operation and cleaning of ANF	7	0	7	90
256	16.08.24	HIRA & HAZOP	10	0	10	45
257	16.08.24	SOP of process safety information	10	0	10	30

258	16.08.24	Hazard related to electricity in rainy season	0	5	5	42
259	16.08.24	Safety related to warehouse operation	0	10	10	35
260	20.08.24	LEL & UEL	5	0	5	24
261	20.08.24	Staircase safety	1	10	11	30
262	20.08.24	DCS historical data backup	4	0	4	45
263	21.08.24	Material handling	0	4	4	35
264	21.08.24	Safety during 5s activity	6	0	6	45
265	21.08.24	Unit process	7	1	8	45
266	21.08.24	Staircase safety	3	3	6	43
267	21.08.24	Safe operation of wrapping machine	0	10	10	45
268	21.08.24	BBS	2	5	7	40
269	22.08.24	Tanker loading unloading	7	1	8	45
270	22.08.24	EHS induction trg	2	1	3	180
271	23.08.24	Learning from incident - MTEB	22	4	26	120
272	24.08.24	Status board updating SOP	10	0	10	28
273	24.08.24	MSDS of Beta and Benzene	4	0	4	24
274	24.08.24	Determination of COD	4	2	6	60
275	25.08.24	Monsoon activity safety	6	0	6	45
276	26.08.24	EHS induction trg	5	0	5	150
277	26.08.24	5s activity	3	2	5	35
278	26.08.24	Autoclave cleaning	9	1	10	60
279	26.08.24	laboratory safety	2	3	5	40
280	27.08.24	internal ERT trg	12	3	15	100
281	27.08.24	Monsoon activity safety	4	1	5	30
282	28.08.24	Near miss reporting	10	0	10	30
283	28.08.24	Overview of MSDS	9	1	10	30
284	28.08.24	Unit operation	7	1	8	40
285	28.08.24	Safety awareness hazardous area	0	10	10	30
286	28.08.24	ETP SOP	5	1	6	60
287	28.08.24	Trips and interlock bypass	4	3	7	45
288	29.08.24	Rainy season precaution	7	1	8	30
289	29.08.24	MSDS	7	1	8	40

290	29.08.24	Safety awareness hazardous area	0	10	10	30
291	29.08.24	Monsoon activity safety	0	6	6	30
292	29.08.24	Safe lifting practices	10	0	10	30
293	31.08.24	Vegetation hazards around plant area	6	0	6	45
294	31.08.24	laboratory safety	4	2	6	30
295	02.09.24	PSM awareness trg	6	0	6	60
296	03.09.24	PSM element trg PTW, PSSR, PHA	3	0	3	60
297	03.09.24	5S awareness	0	7	7	30
298	03.09.24	Use of PPE during line breaking	10	0	10	15
299	04.09.24	BPR awareness	8	0	8	30
300	04.09.24	5S awareness	0	2	2	30
301	04.09.24	Ajax machine trg	0	1	1	10
302	05.09.24	Unit operation	7	2	9	40
303	06.09.24	Unit process	7	2	9	40
304	06.09.24	BBS	2	5	7	30
305	07.09.24	Hot work permit	7	2	9	40
306	07.09.24	Process stage discription	9	1	10	74
307	08.09.24	PPEs usage	8	0	8	30
308	08.09.24	PPEs usage	6	0	6	30
309	09.09.24	Safety Induction	1	0	1	60
310	09.09.24	5S awareness	7	2	9	45
311	09.09.24	BPR awareness	1	4	5	20
312	10.09.24	Emergency sprinkler	7	0	7	30
313	10.09.24	Tanker unloading safety measures	5	0	5	30
314	10.09.24	Vessel entry safety	10	0	10	20
315	10.09.24	12 LSR	7	2	9	40
316	10.09.24	confined space entry safety precaution	8	1	9	30
317	10.09.24	electrical hazard	0	10	10	45
318	11.09.24	PTW SOP trg	29	24	53	180
319	11.09.24	SCBA set	5	0	5	30
320	13.09.24	Manpower management	7	2	9	40
321	13.09.24	BBS	2	5	7	30
322	14.09.24	BBS	0	6	6	20
323	16.09.24	drum fillinf safety	8	2	10	50
324	16.09.24	BPR awareness	8	0	8	60
325	16.09.24	Safety induction	1	0	1	180

326	16.09.24	STP operation	4	3	7	60
327	16.09.24	laboratory safety	3	1	4	35
328	17.09.24	Importance of safety harness	10	0	10	20
329	17.09.24	Raw material handling	10	0	10	65
330	17.09.24	Zero injury at workplace	6	4	10	60
331	18.09.24	safety during material handling	0	10	10	50
332	19.09.24	Evacuation plan	6	4	10	60
333	19.09.24	Safety induction	3	0	3	120
334	19.09.24	12 LSR	3		3	60
335	19.09.24	PSM awareness trg	2	0	2	30
336	20.09.24	JSA preparation	7	2	9	35
337	20.09.24	SCBA set	6	0	6	30
338	20.09.24	2CP operation parameter	6	0	6	30
339	23.09.24	Hazardous substance control	3	5	8	60
340	23.09.24	Area cleaning	10	0	10	45
341	23.09.24	PPEs usage	6	4	10	60
342	23.09.24	Process safety information	3	1	4	45
343	24.09.24	BBS	2	5	7	30
344	24.09.24	Furnace start up safety	10	0	10	20
345	23.09.24	Safety induction	1	0	1	90
346	23.09.24	Use of PPEs	6	0	6	45
347	24.09.24	laboratory safety	3	0	3	35
348	25.09.24	5S awareness	15	5	20	80
349	25.09.24	12 LSR	4	0	4	38
350	25.09.24	Operation and cleaning of reactor	7	0	7	45
351	26.09.24	1s, 2s activity	2	0	2	30
352	26.09.24	LOTOTO	5	0	5	38
353	26.09.24	Insulation and painting work	7	0	7	20
354	27.09.24	Classes of fire	6	2	8	30
355	27.09.24	EnMS awareness	4	3	7	60
356	27.09.24	Learning from incident	6	4	10	60
357	27.09.24	Emergency preparedness	3	1	4	45
358	28.09.24	Lift troubleshooting	2	0	2	20
359	28.09.24	Line breaking safety	5	0	5	45
360	28.09.24	Sanchetna and sankalp	7	0	7	20
361	28.09.24	laboratory safety	3	0	3	35
362	30.09.24	precaution during plant operation	8	2	10	90
363	30.09.24	CO2 flooding system	3	2	5	20

364	30.09.24	Passbox troubleshooting	4	0	4	25
365	30.09.24	Machine guarding	6	1	7	30
366	30.09.24	Machine guarding	10	0	10	40
367	30.09.24	Siren code of emergency	9	1	10	40
368	30.09.24	Scaffold safety	6	0	6	20
369	30.09.24	Onsite emg plan	10	0	10	50
370	30.09.24	laboratory safety	5	3	8	30



Thu 30-05-2024 23:57


Jubilant Agro-Sciences Pvt Bharuch

Submission of soft copy of compliance report of EC no. J-11011/311/2014-9A1111 dated 08.01.2018 & amendment dated 21.04.2021, dated 28.07.2021 & dated 05.08.2022

To: raj.gandhi@nicl.gov.in; raj.gandhi@govt.guj.in; pravin.pd@nicl.in

Cc: Soni@ndyabehn.itiindia.com; Kavayash@ndyabehn.itiindia.com

 This is the most recent version, but you made changes to another copy. [Click here to see the other versions.](#)

 Bharuch JSL Pesticides EC Conditions Compliance to MoEFCC Oct 23 to Mar 24 (2).pdf
10 MB

Dear Sir/Madam,

As per condition no. 11.1 (xiv) of above referred EC, we are submitting herewith soft copy of the six monthly compliance reports of the Environmental Clearance for setting up Technical Grade Pesticides & Intermediates Manufacturing at Jubilant Agro Sciences Limited (formerly Jubilant Crop Protection Limited), Vilayat GIDC, Dist.: Bharuch, Gujarat for the period from October 2023 to March 2024 along with necessary Annexure.

We would like to inform that we have obtained Consent to Operate (CCA) from the GPCB & started operation of commercial manufacturing facility.

We hope you will find the above in line with your requirement.

Thanking you,

For Jubilant Agro Sciences Limited (formerly Jubilant Crop Protection Limited),
Plot No.5, Vilayat GIDC Estate,
Tal-Vagra, Dist.-Bharuch, Gujarat.



o/c

JASL/ENV/GPCB/2024/0906

16/09/2024

To,
The Member Secretary,
Gujarat Pollution Control Board,
Paryavaran Bhavan, Sector 10 A,
Gandhinagar - 382 010, Gujarat.

Subject: Annual Environmental Statement FORM-V for the year 2023-24.

Reference: Consent order no. CCA NO. AWH-119347, Dated on 15/06/2022 (GPCB ID: 78743).

Dear Sir,

With reference to above, we are enclosing herewith the Annual Environmental Statement FORM-V for the year 2023-24.

We hope that you will find the above in order.

Thanking you.

Yours faithfully,

For Jubilant Agro Sciences Limited

(Authorized Signatory)
Atal Sharma
Vice President & Site Head - Bharuch

Atal Sharma
Post Received
Gujarat Pollution Control Board
BHARUCH

Enclosure: As above
CC: 1) Deputy Director General of Forests (C),
Ministry of Environment, Forest and Climate Change,
Integrated Regional Office, Gandhi Nagar A wing- 407 & 409,
Aranya Bhawan, Near CH-3 Circle, Sector-10A, Gandhi Nagar-382010

2) **The Regional Officer,**
Gujarat Pollution Control Board,
C-1/119/3, GIDC, Phase-II, Narmadanagar,
Bharuch - 392 015, Gujarat

A Jubilant Group Company
— OLEVALLES —



Jubilant Agro Sciences Limited
(Formerly Jubilant Crop Protection Limited)
Plot No. P1-L1 & L1A,
Village Jubilant - SEZ, Plot No. 3,
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Page 1 of 2

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