

From: Purvesh Jitendra Kumar Soni/SCM/Ankleshwar
Sent: 30 October 2023 16:52
To: iro.gandhingr-mefcc@gov.in; ec-rdw.cpcb@gov.in; ro-gpcb-bhar@gujarat.gov.in
Cc: Mritunjay Chaubey/SCM/Mumbai; Vikas Garg/SCM/Mumbai; Deepak Kumar Garg/SCM/Dahej; Dinesh Kumar/SCM/Dahej; Kumar Om Prakash/SCM/Ankleshwar
Subject: UPL Limited_Dahej_Submission of Half Yearly Compliance Report to conditions of Environmental Clearances (April 2023 to September 2023)
Attachments: UPL Limited - Dahej HYC April 23 - September 23.pdf

| Tracking: | Recipient | Delivery |
|-----------|---------------------------------|-----------------------------|
| | iro.gandhingr-mefcc@gov.in | |
| | ec-rdw.cpcb@gov.in | |
| | ro-gpcb-bhar@gujarat.gov.in | |
| | Mritunjay Chaubey/SCM/Mumbai | Delivered: 30-10-2023 16:52 |
| | Vikas Garg/SCM/Mumbai | Delivered: 30-10-2023 16:52 |
| | Deepak Kumar Garg/SCM/Dahej | Delivered: 30-10-2023 16:52 |
| | Dinesh Kumar/SCM/Dahej | |
| | Kumar Om Prakash/SCM/Ankleshwar | Delivered: 30-10-2023 16:52 |

TO,
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

BY- EMAIL

Sub: - Half Yearly Compliance Report to conditions of Environmental Clearances (April 2023 to September 2023)

Ref: -(1) Environmental Clearance No J.11011/306/2016-IA. II (I) dated 01.03.2019.
(2) Environmental Clearance No J.11011/306/2016-IA. II (I) dated 11.08.2020; and
(3) Amendment to Granted Environmental Clearance J.11011/306/2016-IA. II(I)dated 24.09.2020
(4) Environmental Clearance - MoEF&CC Letter No:EC21A017GJ180152 dated 29/11/2021

Dear Sir,

Kindly refer above Environmental Clearances (Ref 1 To 4) - J.11011/306/2016-IA. II dated 01.03.2019, J.11.11/306/2016-IA. II (I) dated 11.08.2020, Amendment to Environmental Clearance J.11011/306/2016-IA. II(I)dated 24.09.2020 and Environmental Clearance - MoEF&CC Letter No:EC21A017GJ180152 dated 29/11/2021 granted to our Unit-12 located at Plot -D-3/6, Dahej III, GIDC Industrial Estate, Village Kadodara, Taluka Vagra, District – Bharuch (Gujarat).

We are submitting herewith the half yearly compliance report for all above referred Environmental clearances conditions along with required details with respect to our Unit-12 located at Plot - D-3/6, Dahej III, GIDC Industrial Estate, Village Kadodara, Taluka Vagra, District – Bharuch (Gujarat), for **period April 2023 to September 2023**.

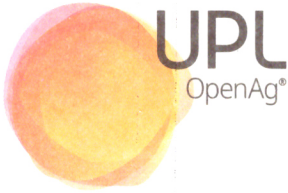
Now in compliance to MOEF&CC OM No. IA3-22/1/2022-IA-III [E-172624] dated 14th June 2022, we have uploaded compliance of condition to Parivesh portal. The compliance report uploaded at portal is enclosed herewith.

We hope that the above is in order. In case you need any additional information, we can provide the same on hearing from you.

Thanking you.

Yours faithfully,
For, UPL Limited

| | | |
|--------------------------|---|---|
| Deepak Garg Unit Head | The Zonal Officer Central Pollution Control Board Parivesh Bhavan Opp VMC Ward Office # 10 SubhanPura, Vadodara – 390 023 | The Regional Officer Gujarat Pollution Control Board Bharuch GPCB XGN ID-53667 |
|--------------------------|---|---|



UPL Limited
Unit-12, D-3/6, Dahej III Industrial Estate
GIDC, Kadodara Village, Dahej, Bharuch
Gujarat 392 165, India.

w: www.upl-ltd.com

Date:26/10/2023

**TO,
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**

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We hope that the above is in order. In case you need any additional information, we can provide the same on hearing from you.

Thanking you.

Yours faithfully,
For, UPL Limited


Deepak Garg
Unit Head

Copy To:

The Zonal Officer
Central Pollution Control Board
Parivesh Bhavan
Opp VMC Ward Office # 10
SubhanPura, Vadodara - 390 023



The Regional Officer
Gujarat Pollution Control Board
Bharuch
GPCB XGN ID-53667

Your application has been **Submitted** with following details

| | |
|---|-------------------------------|
| Proposal No | IA/GJ/IND2/58497/2016 |
| Compliance ID | 18346849 |
| Compliance Number(For Tracking) | EC/M/COMPLIANCE/18346849/2023 |
| Reporting Year | 2023 |
| Reporting Period | 01 Dec(01 Apr - 30 Sep) |
| Submission Date | 26-10-2023 |
| IRO Name | |
| IRO Email | |
| State | |
| IRO Office Address | |
| Note:- SMS and E-Mail has been sent to , with Notification to Project Proponent. | |



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Proposal Details

| | | | | | |
|------------------------------|--|---|-------------------------|-----------------|----|
| Proposal No | IA/GJ/IND2/58497/2016 | Category | Industrial Projects - 3 | | |
| Proposal Name | Manufacturing Pesticides Technical, Pesticide Specific Intermediates, Intermediates & Speciality Chemicals and Captive Thermal Power Plant by M/s UPL Ltd at Plot No.D-3/6, GIDC Industrial Estate, Dahej- III, Village Kadodara, Taluka Vagra, District Bharuch (Gujarat) | | | | |
| Plot / Survey/ Khasra No. | | Village(s) | | Sub-District(s) | |
| State | GUJARAT | District | BHARUCH | | |
| MoEF File No | IA-J-11011/306/2016-IA-II(I) | Name of the Entity/ Corporate Office | M/s UPL Limited | Entity's PAN | NA |
| Entity Name as per PAN | NA | Entity details mentioned above is correct ? | Agree | | |

Covering Letter

Covering Letter [Click to View](#)

Compliance Reporting Details

Reporting Year 2023

Reporting Period 01 Dec(01 Apr - 30
Sep)

Remark(if any) We are submitting here with EC Half Yearly Compliance Report For the Period of April 2023 To September-2023.

Details of Production and Project Area

Date of
Commencement of
Project/Activity 23-03-2021

| | Project Area as per EC Granted | Actual Project Area in Possession |
|--------------|--------------------------------|-----------------------------------|
| Private | 0 | 0 |
| Revenue Land | 0 | 0 |
| Forest | 0 | 0 |
| Others | 0 | 0 |
| Total | 0 | 0 |

PRODUCTION CAPACITY

| Sr.No. | Name of the Product | Units | As per EC Granted | As per CTO Granted | CTO ID | Valid Up To | Production during last financial year |
|--------|----------------------|-------------------------|----------------------|-----------------------|-----------|-------------|--|
| 1 | Pesticides Technical | Tons per Annum (TPA) | 104000 | | | | 331.28 |
| 2 | Speciality Chemicals | Tons per Annum (TPA) | 458300 | | | | 20343.28 |

| PRODUCTION CAPACITY | | | | | | | |
|---------------------|---|----------------------|-------------------|--------------------|--------|-------------|---------------------------------------|
| Sr.No. | Name of the Product | Units | As per EC Granted | As per CTO Granted | CTO ID | Valid Up To | Production during last financial year |
| 3 | Captive Power Plant | MW | 55 | | | | 00 |
| 4 | Non EC Product- Ammonium Sulphate | Tons per Annum (TPA) | 5660 | | | | 4116 |
| 5 | Non EC Product- CaCl ₂ Solid | Tons per Annum (TPA) | 19615 | | | | 313.98 |
| 6 | Intermediates To Pesticide | Tons per Annum (TPA) | 6700 | | | | 97.79 |

Conditions

Specific Conditions

| Sr.No. | Condition Type | Condition Details | Status of Compliance,Remarks/Reason and Supporting Documents | |
|--------|----------------------|--|--|---|
| 1 | Statutory compliance | "Necessary permission as mandated under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981, as applicable from time to time, shall be obtained from the State Pollution Control Board." | PPs Submission | The Unit has existing valid CTO/Authorization obtained from GPCB vide AWH-111661 dated 16.07.2021 Valid up to 12.03.2024. Complied Attachment: NA |
| 2 | Statutory compliance | No pesticides banned by Ministry of Agriculture & | PPs Submission | The Unit will not produce any chemicals banned by Ministry of Agriculture & Farmers Welfare and / or other regulatory authorities. |

| | | | | |
|---|---|--|----------------|---|
| | | Farmers Welfare shall be produced. Also, no raw materials / solvents prohibited by concerned regulatory authorities to be used for production of pesticides | | The commitment letter is attached. Complied Attachment: Click to View |
| 3 | WATER QUALITY MONITORING AND PRESERVATION | The treated effluent of 3618 cum/day shall be recycled/reused to meet the requirement of different industrial operations, and the remaining treated effluent of 2006 cum/day shall be discharged to deep sea through GIDC pipeline. | PPs Submission | The details report is attached. Complied Attachment: Click to View |
| 4 | WASTE MANAGEMENT | Necessary authorization required under the Hazardous & Other Wastes (Management & Trans-Boundary Movement) Rules 2016, Solid Waste Management Rules 2016 to be obtained and provisions contained in Rules to be strictly adhered to. | PPs Submission | The authorization for disposal of Hazardous & Other Wastes has been obtained from GPCB vide letter No AWH-111661 dated 23.03.2021 valid upto 12.03.2024 and Hazardous Waste Disposal Statements is attached. Complied Attachment: Click to View |
| 5 | AIR QUALITY MONITORING AND PRESERVATION | National Emission Standards for Pesticides Manufacturing Industry issued by the Ministry vide G.S.R. 446(E) dated 13th June, 2011, | PPs Submission | The details report is attached. Complied Attachment: Click to View |

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| | | amended from time to time, shall be followed. | | |
| 6 | AIR QUALITY MONITORING AND PRESERVATION | 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. | PPs Submission | The details report is attached. Complied Attachment: Click to View |
| 7 | Risk Mitigation and Disaster Management | Solvent management shall be carried out as follows: (a) Reactor shall be connected to chilled brine condenser system. (b) Reactor and solvent handling pump shall have mechanical seals to prevent leakages. (c) The condensers shall be provided with sufficient HTA and residence time so as to achieve more than 95% recovery. (d) Solvents shall be stored in a separate space specified with all safety measures. (e) Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done. (f) Entire plant shall be flame proof. The solvent storage tanks shall be | PPs Submission | The solvent manegment details report is attached. Complied Attachment: Click to View |

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| | | provided with breather valve to prevent losses. (g) All the solvent storage tanks shall be connected with vent condensers with chilled brine circulation. | | |
| 8 | WATER QUALITY MONITORING AND PRESERVATION | Total fresh water requirement shall not exceed 7610 cum/day to be met from GIDC water supply. Prior permission in this regard shall be obtained from the concerned regulatory authority. | PPs Submission | The Unit has obtained Permission from GIDC on Water Supply and Obtained water supply connection from GIDC for operations. The details of water consumptions are attached. Complied Attachment: Click to View |
| 9 | WATER QUALITY MONITORING AND PRESERVATION | Industrial/trade effluent shall be segregated into High COD/TDS and Low COD/TDS effluent streams. High TDS/COD shall be passed through stripper followed by MEE and ATFD (agitated thin film drier). Low TDS effluent stream shall be treated in ETP/RO to meet the prescribed standards. | PPs Submission | The details report is attached. Complied Attachment: Click to View |
| 10 | WATER QUALITY MONITORING AND PRESERVATION | Process effluent/any wastewater shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate conveyance system | PPs Submission | We have provided separate storm water drainage network. The copy of photographs showing storm water drainage network is enclosed. Complied Attachment: Click to View |
| | | | PPs Submission | As a chemical Industry we are not allowed to recharge the ground water hence We have implemented of Roof Top rainwater Harvesting. The more details are attached. |

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| | | | | Complied Attachment: Click to View |
| 11 | Risk Mitigation and Disaster Management | Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm, and solvent transfer through pumps. | PPs Submission | The Hazardous Chemicals Stored Separately in Designated Storage Area. The List of Hazardous Chemicals Stored at Site with Capacity are given in attachment. Complied Attachment: Click to View |
| 12 | WASTE MANAGEMENT | 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. | PPs Submission | The authorization for disposal of HW has been obtained from GPCB and Hazardous Waste Disposal Statements is attached. Complied Attachment: Click to View |
| 13 | Statutory compliance | The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIH C) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act, 1989. | PPs Submission | We have implemented requirements of MSIHC Rules 2002 by On site emergency plan/Off site emergency plan/Mock Drills /Separate storage of Hazardous Chemicals/ MSDS for all RM & FGs. The details report is attached. Complied Attachment: Click to View |
| 14 | Statutory compliance | Fly ash should be stored separately as per CPCB guidelines so as not to adversely affect the air quality. Direct exposure of workers to fly ash & dust should be avoided. | PPs Submission | At Present Construction activities are ongoing, hence no fly ash generation, storage, handling is anticipated for reporting period. The summary of Air monitoring report is attached. Complied Attachment: Click to View |

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|----|--|--|----------------|--|
| 15 | WASTE MANAGEMENT | "The company shall undertake waste minimization measures as below:- (a) Metering and control of quantities of active ingredients to minimize waste. (b) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. (c) Use of automated filling to minimize spillage. (d) Use of Close Feed system into batch reactors. (e) Venting equipment through vapour recovery system. (f) Use of high pressure hoses for equipment clearing to reduce wastewater generation." | PPs Submission | We have started production of Sodium Cyanide and waste generated from production process (By product) is 30% NaCN solution and Ammonium sulphate has been recovered and sold to end user. Complied Attachment: Click to View |
| 16 | GREENBELT | Green belt of at least 5 ? 10 m width to be developed in nearly 33 % of total project area, mainly along the plant periphery, in downward wind direction and along road sides etc. Selection of plant species shall be as per CPCB guideline in consultation with State Forest Department. | PPs Submission | The details report of Green belt is attached. Complied Attachment: Click to View |
| 17 | Corporate Environmental Responsibility | As committed, fund allocation for Corporate | PPs Submission | The Unit has started CER Activities. The details of Activities and amount spent for CER are given in attachment. |

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| | | Environment Responsibility (CER) shall be Rs 100 Crores i.e. 4.18 % of total project cost. Item wise details along with time bound action plan shall be prepared and submitted to the Ministry's Regional Office. | | Complied Attachment: Click to View |
| 18 | AIR QUALITY MONITORING AND PRESERVATION | For the DG sets, emission limits and the stack height shall be in conformity with the extant regulations and the CPCB guidelines. Acoustic enclosure shall be provided to DG set for controlling the noise pollution. | PPs Submission | The Unit has installed Five DG Sets having capacity of 1250X1 KVA and 910X4 KVA Respectively. The Monitoring Range for DG Set Stack emissions is carried out by NABL Approved Third Party. The Analysis Range are attached. Complied Attachment: Click to View |
| 19 | Risk Mitigation and Disaster Management | The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire-fighting system shall be as per the norms. | PPs Submission | The details report is attached. Complied Attachment: Click to View |
| 20 | Human Health Environment | Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act. | PPs Submission | The Occupational Health Centre for surveillance of worker's Health has been operational at site and The sample copy of medical report and details report is attached. Complied Attachment: Click to View |

| | | | | |
|----|----------------------|--|----------------|--|
| 21 | Statutory compliance | Continuous online (24x7) monitoring system for stack emissions shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB server. For online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises. | PPs Submission | The details report is attached. Complied Attachment: Click to View |
|----|----------------------|--|----------------|--|

General Conditions

| Sr.No. | Condition Heading | Condition Details | Status of Compliance, Remarks/Reason and Supporting Documents | |
|--------|----------------------|--|---|---|
| 1 | Statutory compliance | The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board, Central Pollution Control Board, State Government and any other statutory authority. | PPs Submission | The unit will comply with all conditions given in EC/CTE & CTO. The compliance of CTO is attached Complied Attachment: Click to View |
| 2 | Statutory compliance | No further expansion or modifications in the plant shall be carried out without prior approval of | PPs Submission | Noted. We have started construction activities after obtaining EC/CTE. The CC&A has been also obtained vide letter No AWH-111661 dated 23.03.2021 valid upto 12.03.2024 for Few EC Granted Products. No such capacity Expansion Without Approval. |

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| | | the Ministry of Environment, Forest and 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. | | Complied Attachment: NA |
| 3 | AIR QUALITY MONITORING AND PRESERVATION | 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 station each is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated. | PPs Submission | The unit has established AAQM Station In consultation with SPCB. The Monitoring of AAQM is conducted by Internal and External Parties.the more details is attached. Complied Attachment: Click to View |
| 4 | AIR QUALITY MONITORING AND PRESERVATION | The National Ambient Air Quality Emission Standards issued by MoEF&CC vide G.S.R. NO. 826(E) dated 16-11-2009 shall be followed. | PPs Submission | The details report is attached. Complied Attachment: Click to View |
| | | | PPs Submission | The details report is attached. Complied Attachment: Click to View |

| 5 | Noise Monitoring & Prevention | The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time). | <div>PPs Submission</div> <div>At present we have partial implemented products granted in EC and Construction is ongoing on more products approved in EC. The noise monitoring done by Third party for day & night time. Report attached. Complied Attachment: Click to View</div> |
|---|---|--|--|
| 6 | WATER QUALITY MONITORING AND PRESERVATION | The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and use the same water for the process activities of the project to conserve fresh water. | <div>PPs Submission</div> <div>As a chemical Industry we are not allowed to recharge the ground water hence We have started implementation of Roof Top Rain-Water Harvesting. the more details is attached. Complied Attachment: Click to View</div> |
| 7 | Human Health Environment | 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 | <div>PPs Submission</div> <div>We provide different trainings to different group of employees. The Training records are maintained. The copy of safety training details is enclosed. Complied Attachment: Click to View</div> |

| | | | | |
|----|--|---|----------------|--|
| | | basis. Training to all employees on handling of chemicals shall be imparted. | | |
| 8 | MISCELLANEOUS | The company shall also comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented. | PPs Submission | The Environmental Protection Measures Implemented are attached. Complied Attachment: Click to View |
| 9 | Corporate Environmental Responsibility | The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. ESC activities shall be undertaken by involving local villages and administration. | PPs Submission | The Unit has started CER Activities. The details of Activities and amount spent for CER are given in attachment. Complied Attachment: Click to View |
| 10 | Corporate Environmental Responsibility | The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment. | PPs Submission | The Unit has started CER Activities. The details of Activities and amount spent for CER are given in attachment. Complied Attachment: Click to View |

| | | | | |
|----|----------------------|---|----------------|--|
| 11 | Statutory compliance | 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. | PPs Submission | The sufficient funds are earmarked for implementation of Conditions of granted EC. The Ongoing Investment for Environmental Protection Measures is given in attachment. Complied Attachment: Click to View |
| 12 | MISCELLANEOUS | A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. | PPs Submission | The Unit has submitted copy of EC to concerned Panchayat, Zilla Parishad, Municipal Corporation, Urban Local Body. The Acknowledged copy of submission is attached. Complied Attachment: Click to View |
| 13 | Statutory compliance | The project proponent shall also submit six monthly reports on the status of compliance of the stipulated | PPs Submission | We submit regular Half Yearly Compliance to Regional Office MoEF&CC Bhopal. The details of EC Compliance Report submission are given in attachment |

| | | | | |
|----|----------------------|---|----------------|--|
| | | 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 report shall be posted on the website of the company. | | Complied Attachment: Click to View |
| 14 | Statutory compliance | The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of MoEF&CC by e-mail. | PPs Submission | The environmental statement report is attached. Complied Attachment: Click to View |

| | | | | |
|----|----------------------|--|----------------|--|
| 15 | Statutory compliance | 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. | PPs Submission | We have informed in public on grant of environmental clearance by advertisement in Two Local News Papers and One in English News Paper before seven days and One is local News paper. The copy of News paper advertisement is attached. Complied Attachment: Click to View |
| | | | PPs Submission | We have informed in public on grant of environmental clearance by advertisement in Two Local News Papers and One in English News Paper before seven days and One is local News paper. The copy of News paper advertisement is attached. Complied Attachment: NA |
| 16 | MISCELLANEOUS | The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project. | PPs Submission | We have not taken any financial assistance hence not applicable. Complied Attachment: NA |

Document Upload**Last Site Visit Report
(if available)** NA**Last Site Visit Report
Date (if available)****Additional
Attachment (if any)** NA**Additional Remarks
(if any)**[Back](#)

Your application has been **Submitted** with following details

| | |
|---|-------------------------------|
| Proposal No | IA/GJ/IND2/118788/2019 |
| Compliance ID | 18572587 |
| Compliance Number(For Tracking) | EC/M/COMPLIANCE/18572587/2023 |
| Reporting Year | 2023 |
| Reporting Period | 01 Dec(01 Apr - 30 Sep) |
| Submission Date | 26-10-2023 |
| IRO Name | |
| IRO Email | |
| State | |
| IRO Office Address | |
| Note:- SMS and E-Mail has been sent to , with Notification to Project Proponent. | |



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Garg,PP

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Proposal Details

| | | | | | |
|------------------------------|---|---|-------------------------|-----------------|----|
| Proposal No | IA/GJ/IND2/118788/2019 | Category | Industrial Projects - 3 | | |
| Proposal Name | Expansion of existing unit by addition of synthetic organic chemicals and chemical intermediates by M/s UPL Ltd at Plot No. 03/6, Notified Industrial Estate, GIDC Dahej -III, Village Kadodara, Taluka Vagra, District Bharuch (Gujarat) | | | | |
| Plot / Survey/ Khasra No. | | Village(s) | | Sub-District(s) | |
| State | GUJARAT | District | BHARUCH | | |
| MoEF File No | J-11011/306/2016-IA-II(I) | Name of the Entity/ Corporate Office | M/s UPL Limited | Entity's PAN | NA |
| Entity Name as per PAN | NA | Entity details mentioned above is correct ? | Agree | | |

Covering Letter

Covering Letter [Click to View](#)

Compliance Reporting Details

Reporting Year 2023 **Reporting Period** 01 Dec(01 Apr - 30 Sep)

Remark(if any) We are submitting here with EC Half Yearly Compliance Report for the period of April-2023 to Septemebr-2023.

Details of Production and Project Area

Date of Commencement of Project/Activity 23-03-2021

| | Project Area as per EC Granted | Actual Project Area in Possession |
|--------------|--------------------------------|-----------------------------------|
| Private | 0 | 0 |
| Revenue Land | 0 | 0 |
| Forest | 0 | 0 |
| Others | 0 | 0 |
| Total | 0 | 0 |

PRODUCTION CAPACITY

| Sr.No. | Name of the Product | Units | As per EC Granted | As per CTO Granted | CTO ID | Valid Up To | Production during last financial year |
|--------|----------------------|----------------------|-------------------|--------------------|--------|-------------|---------------------------------------|
| 1 | Pesticides Technical | Tons per Annum (TPA) | 104000 | | | | 331.28 |
| 2 | Speciality Chemicals | Tons per Annum (TPA) | 458300 | | | | 20343.28 |
| 3 | Captive Power Plant | MW | 55 | | | | 00 |

| PRODUCTION CAPACITY | | | | | | | |
|---------------------|-----------------------------------|----------------------|-------------------|--------------------|--------|-------------|---------------------------------------|
| Sr.No. | Name of the Product | Units | As per EC Granted | As per CTO Granted | CTO ID | Valid Up To | Production during last financial year |
| 4 | Non EC Product- Ammonium Sulphate | Tons per Annum (TPA) | 5660 | | | | 4116 |
| 5 | Non EC Product- CaCl2 Solid | Tons per Annum (TPA) | 19615 | | | | 313.98 |
| 6 | Intermediates To Pesticide | Tons per Annum (TPA) | 6700 | | | | 97.79 |

Conditions

Specific Conditions

| Sr.No. | Condition Type | Condition Details | Status of Compliance,Remarks/Reason and Supporting Documents | |
|--------|----------------------|--|--|--|
| 1 | Statutory compliance | The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented. | PPs Submission | The Environmental Protection Measures Implemented are attached. Complied Attachment: Click to View |
| 2 | WASTE MANAGEMENT | The treated waste water of 2891.92 cum/day shall be discharge through GIDC | PPs Submission | The details report is attached. Complied |

| | | | | |
|---|---|--|----------------|--|
| | | drainage system for deep sea disposal after conform to the standards prescribed under the Environment (Protection) Rules, 1986. | | Attachment: Click to View |
| 3 | Statutory compliance | The Sodium Cyanide manufactured by the unit shall not be used as insecticidal purpose nor it shall be used for manufacturing of banned pesticide mentioned in the Notification issued on 18th August, 2018 by the Ministry of Agriculture & Farmers Welfare. | PPs Submission | The Sodium Cyanide manufactured will not be used as insecticidal purpose nor it shall be used for manufacturing of banned pesticide mentioned in the Notification issued on 18th August 2018 by the Ministry of Agriculture & Farmers Welfare. The copy of commitment submitted to MoEF&CC is Enclosed. Complied Attachment: Click to View |
| 4 | WATER QUALITY MONITORING AND PRESERVATION | Total fresh water requirement shall not exceed 12996 cum/day, proposed to be met from GIDC water supply. Necessary permission obtained in this regard shall be renewed from time to time. The fresh water demand shall be reduced by 10% using rain water harvesting system. | PPs Submission | The Unit has obtained Permission from GIDC on Water Supply and Obtained water supply connection from GIDC for operations. The details of water consumptions are attached. Complied Attachment: Click to View |
| 5 | Corporate Environmental Responsibility | As proposed 0.25% of the total project cost shall be allocated towards Corporate Environment Responsibility (CER). As proposed, the CER allocation shall be spent mainly for education including education/skill development/solar lights, etc., and shall be completed | PPs Submission | The Unit has started CER Activities. The details of Activities and amount spent for CER are given in attachment. Complied Attachment: Click to View |

| | | | | |
|---|---|--|----------------|--|
| | | within 5 years. The amount proposed in CER shall be spent during execution of the project and shall not be linked with the CSR. Preference shall be given to local villagers for employment in the unit. | | |
| 6 | AIR QUALITY MONITORING AND PRESERVATION | For the DG sets, emission limits and the stack height shall be in conformity with the extant regulations and the CPCB guidelines. Acoustic enclosure shall be provided to DG set for controlling the noise pollution. | PPs Submission | The Unit has installed Five DG Sets having capacity of 1250X1 KVA and 910X4 KVA Respectively. The Monitoring Range for DG Set Stack emissions is carried out by NABL Approved Third Party. The Analysis Range are attached. Complied Attachment: Click to View |
| 7 | MISCELLANEOUS | Implementation of outcome of Process safety and risk assessment studies using 3D CFD Consequence Analysis and its mitigating measures shall be implemented accordingly. | PPs Submission | The implementation of all mitigating measures for implemented products is completed. Further the upcoming new products process is also under gone 3D CFD Modeling. we will implement all recommendation. Complied Attachment: Click to View |
| 8 | Statutory compliance | Continuous online (24x7) monitoring system for stack emissions shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB server. For ZLD, the unit shall install web camera with night vision capability and flow meters in | PPs Submission | The details report is attached. Complied Attachment: Click to View |

| | | | | |
|----|---|---|----------------|---|
| | | the channel/drain carrying effluent within the premises. | | |
| 9 | AIR QUALITY MONITORING AND PRESERVATION | Fugitive emissions shall be controlled at 99.98% with effective chillers. Volatile organic compounds (VOCs)/Fugitive emissions shall be controlled at 99.997% with effective chillers/modern technology. | PPs Submission | The work place monitoring is conducted internally and externally. The third party work place monitoring report is attached. Complied Attachment: Click to View |
| | | | PPs Submission | The details report is attached. Complied Attachment: Click to View |
| 10 | Human Health Environment | Occupational health center for surveillance of the worker's health shall be set up. The health data shall be used in deploying the duties of the workers. All workers & employees shall be provided with required safety kits/mask for personal protection. | PPs Submission | The Occupational Health Centre for surveillance of worker's Health has been operational at site and The sample copy of medical report and details report is attached. Complied Attachment: Click to View |
| 11 | Risk Mitigation and Disaster Management | The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire-fighting system shall be as per the norms. | PPs Submission | We have implemented arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire-fighting system has been designed and implemented as per regulatory requirements and On basis of Risk Assessments. The Onsite Emergency Plan covering details of Fire Fighting System is enclosed herewith. Complied Attachment: Click to View |
| | | | PPs Submission | The details report is attached. Complied Attachment: Click to View |

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|----|---|--|----------------|--|
| 12 | Human Health Environment | Training shall be imparted to all employees on safety and health aspects of chemicals handling. Safety and visual reality training shall be provided to employees | PPs Submission | We provide different trainings to different group of employees. The Training records are maintained. The copy of safety training details is enclosed. Complied Attachment: Click to View |
| 13 | WATER QUALITY MONITORING AND PRESERVATION | Storm water from the roof top shall be channelized through pipes to the storage tank constructed for harvesting of rain water in the premises and harvested water shall be used for various industrial processes in the unit. No recharge shall be permitted within the premises. Process effluent/ any wastewater shall not be allowed to mix with storm water. | PPs Submission | As a chemical Industry we are not allowed to recharge the ground water hence We have started implementation of Roof Top rainwater Harvesting.The more details are attached. Complied Attachment: Click to View |
| 14 | Statutory compliance | Solvent management shall be carried out as follows: (a) Reactor shall be connected to chilled brine condenser system. (b) Reactor and solvent handling pump shall have mechanical seals to prevent leakages. (c) Solvents shall be stored in a separate space specified with all safety measures. (d) Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done. (e) Entire plant shall be | PPs Submission | The solvent manegment details report is attached. Complied Attachment: Click to View |

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|----|----------------------|---|----------------|---|
| | | flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses. (f) All the solvent storage tanks shall be connected with vent condensers with chilled brine circulation. | | |
| 15 | Statutory compliance | Process organic residue and spent carbon, if any, shall be sent to Cement other suitable industries for its incinerations. ETP sludge, process inorganic & evaporation salt shall be disposed of to the TSDF. | PPs Submission | The authorization for disposal of HW has been obtained from GPCB vide latter No AWH-111661 dated 23.03.2021 valid upto 12.03.2024 and Hazardus Waste Disposal Statements is attached. Complied Attachment: Click to View |
| 16 | WASTE MANAGEMENT | The company shall undertake waste minimization measures as below (a) Metering and control of quantities of active ingredients to minimize waste; (b) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. (c) Use of automated filling to minimize spillage. (d) Use of Close Feed system into batch reactors. (e) Venting equipment through vapour recovery system. (f) Use of high pressure hoses for equipment clearing to reduce wastewater generation | PPs Submission | We have started production of Sodium Cyanide and waste generated from production process (By product) is 30% NaCN solution and Ammonium sulphate has been recovered and sold to end user. Complied Attachment: Click to View |

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|----|---------------|---|----------------|---|
| 17 | GREENBELT | The green belt of at least 5-10 m width shall be developed in nearly 33% of the total project area, mainly along the plant periphery. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department. Records of tree canopy shall be monitored through remote sensing map | PPs Submission | The details report of Green belt is attached. Complied Attachment: Click to View |
| 18 | MISCELLANEOUS | A separate Environmental Management Cell (having qualified person with Environmental Science/Environmental Engineering/specialization in the project area) equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions | PPs Submission | We have separate Environment Management Cell in Place. We have started separate Environmental Laboratory with Monitoring Facility. The details of Environment Management Cell are given in attachment. Complied Attachment: Click to View |

General Conditions

| Sr.No. | Condition Heading | Condition Details | Status of Compliance,Remarks/Reason and Supporting Documents | |
|--------|----------------------|---|--|---|
| 1 | Statutory compliance | No further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and Its amendments, shall be carried out without prior approval of the | PPs Submission | Noted. We have started construction activities after obtaining EC/CTE. The CC&A has been also obtained vide latter No AWH-111661 dated 23.03.2021 valid upto 12.03.2024 for Few EC Granted Products.No such capcity Expansion Without Approval. Complied Attachment: NA |

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|---|-------------------------------|---|----------------|---|
| | | Ministry of Environment, Forest and Climate Change/SEIAA, as applicable. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any. | | |
| 2 | ENERGY PRESERVATION MEASURES | The energy source for lighting purpose shall be preferably LED Based, or Advanced having preference in energy conservation and environment betterment. | PPs Submission | We have installed LED Lights at Offices; Plant Area & preference is given to advanced technology for lower power consumption while selection of equipment. The details of LED Lighting are attached. Complied Attachment: Click to View |
| 3 | Noise Monitoring & Prevention | The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under the | PPs Submission | The unit has installed noise control measures including acoustic enclosures, silencers etc. on all sources of noise generation. The summary of MoEF Approved Laboratory Ambient Noise Report is enclosed. Complied Attachment: Click to View |

| | | | | |
|---|----------------------|--|----------------|--|
| | | Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time). | | |
| 4 | Statutory compliance | The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. CER activities shall be undertaken by involving local villages and administration and shall be Implemented. The company shall undertake eco-developmental measures including community welfare measures In the project area for the overall improvement of the environment. | PPs Submission | The Unit has started CER Activities. The details of Activities and amount spent for CER are given in attachment. Complied Attachment: Click to View |
| 5 | Statutory compliance | 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 conditiqns stipulated herein. The funds so earmarked for | PPs Submission | The sufficient funds are earmarked for implementation of Conditions of granted EC. The Ongoing Investment for Environmental Protection Measures is given in attachment. Complied Attachment: Click to View |

| | | | | |
|---|----------------------|---|----------------|---|
| | | environment management/ pollution control measures shall not be diverted for any other purpose. | | |
| 6 | MISCELLANEOUS | A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, If any, were received while processing the proposal. | PPs Submission | EC has been submitted to Local Authorities. The copy of Acknowledgement for submission to different Authorities has been attached. Complied Attachment: Click to View |
| 7 | Statutory compliance | 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 report shall be posted on the website of the company. | PPs Submission | We submit regular Half Yearly Compliance to Regional Office MoEF&CC Bhopal. The details of EC Compliance Report submission are given in attachment Complied Attachment: Click to View |

| | | | | |
|---|----------------------|--|----------------|---|
| 8 | Statutory compliance | The environmental statement for each financial year ending 31st March In Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of MoEF&CC by e-mail. | PPs Submission | The environmental statement report is attached. Complied Attachment: Click to View |
| 9 | Statutory compliance | The project proponent shall Inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry and at https://parivesh.nic.in/ . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the | PPs Submission | The EC Was Granted on 11/8/2020 & We have informed in public on grant of environmental clearance by advertisement inTwo Local News Papers and One in English News Paper before seven days. Complied Attachment: Click to View |

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|----|----------------------|--|----------------|---|
| | | 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. | | |
| 10 | Statutory compliance | The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project. | PPs Submission | We have not taken any Financial loan and We are in process of implementation of project and on completion of implementation we will inform to Regional Office at MOEF&CC Gandhinagar. Complied Attachment: NA |
| 11 | Statutory compliance | This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project. | PPs Submission | Noted for Compliance. Complied Attachment: NA |

Document Upload

**Last Site Visit Report
(if available)** NA

**Last Site Visit Report
Date (if available)**

**Additional
Attachment (if any)** NA

**Additional Remarks
(if any)**

Back

Your application has been **Submitted** with following details

| | |
|---|-------------------------------|
| Proposal No | IA/GJ/IND2/151637/2020 |
| Compliance ID | 18573232 |
| Compliance Number(For Tracking) | EC/M/COMPLIANCE/18573232/2023 |
| Reporting Year | 2023 |
| Reporting Period | 01 Dec(01 Apr - 30 Sep) |
| Submission Date | 26-10-2023 |
| IRO Name | |
| IRO Email | |
| State | |
| IRO Office Address | |
| Note:- SMS and E-Mail has been sent to , with Notification to Project Proponent. | |



Home |

Environment Clearance ▾

Forest Clearance ▾

Wildlife Clearance ▾

CRZ Clearance ▾

Go To
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2.0

Logout

Welcome Mr. Deepak
Garg,PP

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Proposal Details

| | | | | | |
|------------------------------|---|---|-------------------------|-----------------|----|
| Proposal No | IA/GJ/IND2/151637/2 020 | Category | Industrial Projects - 3 | | |
| Proposal Name | Manufacturing Pesticides Technical, Pesticide Specific Intermediates & Speciality Chemicals and Captive Thermal Power plant by M/s UPL Ltd at Plot No.D-3/6, GIDC Industrial estate, Dahej- III, Village Kadodara, Taluka Vagra, District Bharuch, Gujarat - Amendment in environmental clearance | | | | |
| Plot / Survey/ Khasra No. | | Village(s) | | Sub-District(s) | |
| State | GUJARAT | District | BHARUCH | | |
| MoEF File No | J-11011/306/2016- IA.II(I) | Name of the Entity/ Corporate Office | M/s UPL Limited | Entity's PAN | NA |
| Entity Name as per PAN | NA | Entity details mentioned above is correct ? | Agree | | |

Covering Letter

Covering Letter [Click to View](#)

Compliance Reporting Details

Reporting Year 2023

Reporting Period 01 Dec(01 Apr - 30
Sep)

Remark(if any) We are submitting here with EC Half Yearly Compliance Report for the period of April-2023 to September-2023.

Details of Production and Project Area

Date of
Commencement of
Project/Activity 23-03-2021

| | Project Area as per EC Granted | Actual Project Area in Possession |
|--------------|--------------------------------|-----------------------------------|
| Private | 0 | 0 |
| Revenue Land | 0 | 0 |
| Forest | 0 | 0 |
| Others | 0 | 0 |
| Total | 0 | 0 |

PRODUCTION CAPACITY

| Sr.No. | Name of the Product | Units | As per EC Granted | As per CTO Granted | CTO ID | Valid Up To | Production during last financial year |
|--------|--------------------------------------|-------------------------|----------------------|-----------------------|-----------|-------------|--|
| 1 | Speciality Chemicals | Tons per Annum (TPA) | 458300 | | | | 20343.28 |
| 2 | Non EC Product- Ammonium Sulphate | Tons per Annum (TPA) | 5660 | | | | 4116 |

| PRODUCTION CAPACITY | | | | | | | |
|---------------------|-----------------------------|----------------------|-------------------|--------------------|--------|-------------|---------------------------------------|
| Sr.No. | Name of the Product | Units | As per EC Granted | As per CTO Granted | CTO ID | Valid Up To | Production during last financial year |
| 3 | Non EC Product- CaCl2 Solid | Tons per Annum (TPA) | 19615 | | | | 313.98 |
| 4 | Intermediates To Pesticide | Tons per Annum (TPA) | 6700 | | | | 97.79 |
| 5 | Pesticides Technical | Tons per Annum (TPA) | 104000 | | | | 331.28 |
| 6 | Captive Power Plant | MW | 55 | | | | 00 |

Conditions

Specific Conditions

| Sr.No. | Condition Type | Condition Details | Status of Compliance,Remarks/Reason and Supporting Documents | |
|--------|--|---|--|--|
| 1 | Corporate Environmental Responsibility | As Committed, Funds Allocation for the Corporate Environment Responsibility (CER) shall be 0.5 % of the total project cost as per Slabs mentioned in the Ministry's OM dated 01.05.2018 Item-wise details along with time bound action plan shall be implemented and submitted to Ministry's Regional Office. | PPs Submission | We have already initiated CER activities as per ammended EC condition. The details of CER spent till date are attached. Complied Attachment: Click to View |

General Conditions

| Sr.No. | Condition Heading | Condition Details | Status of Compliance,Remarks/Reason and Supporting Documents |
|-----------------|-------------------|-------------------|--|
| No Record Found | | | |

Document Upload

**Last Site Visit Report
(if available)** NA

**Last Site Visit Report
Date (if available)** 04-10-2023

**Additional
Attachment (if any)** NA

**Additional Remarks
(if any)**

[Back](#)

Your application has been **Submitted** with following details

| | |
|---|-------------------------------|
| Proposal No | IA/GJ/IND3/231156/2021 |
| Compliance ID | 18574879 |
| Compliance Number(For Tracking) | EC/M/COMPLIANCE/18574879/2023 |
| Reporting Year | 2023 |
| Reporting Period | 01 Dec(01 Apr - 30 Sep) |
| Submission Date | 26-10-2023 |
| IRO Name | |
| IRO Email | |
| State | |
| IRO Office Address | |
| Note:- SMS and E-Mail has been sent to , with Notification to Project Proponent. | |



परिवेश

PARIVESH
(CPC GREEN)

पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय

Ministry of Environment, Forest and Climate Change



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View Compliance Report at Project Proponent

Proposal Details

Proposal No

IA/GJ/IND3/231156/2021

Category

Industrial Projects - 3

Proposal Name

Technical Pesticides/Intermediates & Synthetic Organic Chemicals (Speciality Chemicals) in existing manufacturing unit - Modification by Configuration and Product Mix Change by M/s UPL Limited, located at Plot No. D-3/6, Dahej-III, GIDC Estate (Within PCPIR Region) Kadodara Village, Taluka Vagra, District - Bharuch, Gujarat - Environmental Clearance

Plot / Survey/ Khasra No.**Village(s)****Sub-District(s)****State**

GUJARAT

District

BHARUCH

MoEF File No

J-11011/306/2016-IA-II(I)

Name of the Entity/**Corporate Office**

M/s UPL Limited

Entity's PAN

NA

Entity Name as per PAN

NA

Entity details mentioned above is correct ?

Agree

Covering Letter

Covering Letter

[Click to View](#)

Compliance Reporting Details

Reporting Year

2023

Reporting Period

01 Dec(01 Apr - 30 Sep)

Remark(if any)

We are submitting here with EC Half Yearly Compliance Report for the period of April-2023 to September-2023.

Details of Production and Project Area

Date of Commencement of Project/Activity

02-12-2022

| | Project Area as per EC Granted | Actual Project Area in Possession |
|--------------|--------------------------------|-----------------------------------|
| Private | 0 | |
| Revenue Land | 0 | 0 |
| Forest | 0 | 0 |
| Others | 0 | 0 |
| Total | 0 | 0 |

PRODUCTION CAPACITY

| Sr.No. | Name of the Product | Units | As per EC Granted | As per CTO Granted | CTO ID | Valid Up To | Production during last financial year |
|--------|-----------------------------------|----------------------|-------------------|--------------------|--------|-------------|---------------------------------------|
| 1 | Pesticides Technical | Tons per Annum (TPA) | 104000 | | | | 331.28 |
| 2 | Speciality Chemicals | Tons per Annum (TPA) | 458300 | | | | 20343.28 |
| 3 | Captive Power Plant | MW | 55 | | | | 00 |
| 4 | Non EC Product- Ammonium Sulphate | Tons per Annum (TPA) | 5660 | | | | 4116 |

| PRODUCTION CAPACITY | | | | | | | |
|---------------------|-----------------------------|----------------------|-------------------|--------------------|--------|-------------|---------------------------------------|
| Sr.No. | Name of the Product | Units | As per EC Granted | As per CTO Granted | CTO ID | Valid Up To | Production during last financial year |
| 5 | Non EC Product- CaCl2 Solid | Tons per Annum (TPA) | 19615 | | | | 313.98 |
| 6 | Intermediates To Pesticide | Tons per Annum (TPA) | 6700 | | | | 97.79 |

Conditions

Specific Conditions

| Sr.No. | Condition Type | Condition Details | Status of Compliance,Remarks/Reason and Supporting Documents | |
|--------|----------------------|--|--|---|
| 1 | Statutory compliance | The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP and other Reports in respect of environmental management, and risk mitigation measures relating to the project shall be implemented. | PPs Submission | The details report are attached. Complied Attachment: Click to View |

| | | | | |
|---|---|--|----------------|--|
| 2 | AIR QUALITY MONITORING AND PRESERVATION | The project proponent shall utilize modern technologies for capturing of carbon emitted and shall also develop carbon sink/carbon sequestration resources capable of capturing more than emitted. The implementation report shall be submitted to the IRO, MoEF&CC in this regard. | PPs Submission | We have started Green belt development within premises and also mangrove plantation in Coastal area and near by villages and GIDC areas. The plantation will act as carbon sink. Report will be submitted Complied Attachment: NA |
| 3 | Statutory compliance | No banned chemicals/pesticides shall be manufactured by the project proponent. No banned raw materials/chemicals shall be used in the unit. The project proponent shall adhere to the notifications/guidelines of the Government in this regard. | PPs Submission | The Unit will not produce any pesticides or chemicals banned by Ministry of Agriculture & Farmers Welfare and/or other regulatory authorities. The copy of commitment letter is attached. Complied Attachment: Click to View |
| 4 | WATER QUALITY MONITORING AND PRESERVATION | Domestic effluent shall be treated in STP and the treated domestic effluent shall be used for greenbelt development and other suitable purposes within premises. | PPs Submission | We have installed 3X 20 KLD STPs and As on date we are utilizing treated domestic effluent for greenbelt development. The details report are attached. Complied Attachment: Click to View |

| | | | | |
|---|---|--|----------------|---|
| 5 | AIR QUALITY MONITORING AND PRESERVATION | Continuous online (24x7) monitoring system for stack emissions shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB server. For online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises. | PPs Submission | We have installed OCEMS for Parameters COD/BOD/TSS/Flow/ and AN. The OCEMS data have been transmitted to GPCB/CPCB Servers Successfully. The flue gas stacks not implemented at site. Complied Attachment: Click to View |
| 6 | Risk Mitigation and Disaster Management | The storage of toxic/hazardous raw material shall be bare minimum with respect to quantity and inventory. Quantity and days of storage shall be submitted to the Integrated Regional Office of Ministry and SPCB along with the compliance report. | PPs Submission | We are storing toxic/hazardous raw material as per granted quantity by competent authority such as PESO License, Poison License etc. Complied Attachment: Click to View |
| 7 | WATER QUALITY MONITORING AND PRESERVATION | The treated waste water of 2881 cum/day shall be discharge through GIDC drainage system for deep sea disposal after conform to the standards prescribed under the Environment (Protection) Rules, 1986. | PPs Submission | The details report is attached. Complied Attachment: Click to View |
| 8 | Statutory compliance | The Sodium Cyanide manufactured by the unit shall not be used as insecticidal purpose nor it shall be used for manufacturing of banned pesticide mentioned in the Notification issued on 18th August 2018 by the Ministry of Agriculture & Farmers Welfare. | PPs Submission | The Sodium Cyanide manufactured will not be used as insecticidal purpose nor it shall be used for manufacturing of banned pesticide mentioned in the Notification issued on 18th |

| | | | | |
|----|---|---|----------------|---|
| | | | | August 2018 . Complied Attachment: Click to View |
| 9 | WATER QUALITY MONITORING AND PRESERVATION | Total fresh water requirement shall not exceed 12984 cum/day, proposed to be met from GIDC water supply. Necessary permission obtained in this regard shall be renewed from time to time. The fresh water demand shall be reduced by 10% using rain water harvesting system. | PPs Submission | The Unit has obtained Permission from GIDC on Water Supply and Obtained water supply connection from GIDC for operations. The details of water consumptions are attached. Complied Attachment: Click to View |
| 10 | Corporate Environmental Responsibility | As proposed by PP, Rs. 15.66 crore shall be allocated towards Corporate Environment Responsibility (CER). As proposed, the CER allocation shall be spent mainly for education including education/skill development/solar lights, etc., and shall be completed within 5 years. The amount proposed in CER shall be spent during execution of the project and shall not be linked with the CSR. Preference shall be given to local villagers for employment in the unit. | PPs Submission | The Unit has started CER Activities. The details of Activities and amount spent for CER are given in attachment Complied Attachment: Click to View |
| 11 | Risk Mitigation and Disaster Management | Implementation of outcome of Process safety and risk assessment studies using 3D CFD Consequence Analysis, and its mitigating measures shall be implemented accordingly. | PPs Submission | The implementation of all mitigating measures for implemented products is completed. Further the upcoming new products process is also under gone 3D |

| | | | | |
|----|---|---|----------------|---|
| | | | | CFD Modeling.we will implement all recommendation. Complied Attachment: Click to View |
| 12 | Human Health Environment | Occupational health centre for surveillance of the worker?s health shall be set up. The health data shall be used in deploying the duties of the workers. All workers & employees shall be provided with required safety kits/mask for personal protection. | PPs Submission | The Occupational Health Centre for surveillance of worker?s Health has been operational at site and The sample copy of medical report and details report is attached. Complied Attachment: Click to View |
| 13 | Human Health Environment | Training shall be imparted to all employees on safety and health aspects of chemicals handling. Safety and visual reality training shall be provided to employees. | PPs Submission | We provide different trainings to different group of employees. The Training records are maintained. The copy of safety training details is enclosed. Complied Attachment: Click to View |
| 14 | Risk Mitigation and Disaster Management | The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire-fighting system shall be as per the norms. | PPs Submission | The details report is attached. Complied Attachment: Click to View |
| | | | PPs Submission | We have made the arrangement for protection of possible fire hazards during |

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| | | | | <p>manufacturing process in material handling. The Fire fighting system as is implemented as per Norms and as per Risk Assessment studies. We have included all details of fire fighting in Onsite Emergency Plan. The copy of Onsite Emergency plan is enclosed herewith. Complied Attachment: Click to View</p> |
| 15 | Risk Mitigation and Disaster Management | Necessary precautions shall be taken to avoid accidents and action plan shall be implemented for avoiding accidents. | PPs Submission | <p>We have taken implemented all precautions measures to avoid accidents. The Onsite emergency plan is attached. Complied Attachment: Click to View</p> |
| | | | PPs Submission | <p>We have taken implemented all precautions measures to avoid accidents. Complied Attachment: Click to View</p> |
| 16 | WASTE MANAGEMENT | Process organic residue and spent carbon, if any, shall be sent to Cement other suitable industries for its incinerations. ETP sludge, process inorganic & evaporation salt shall be disposed of to the TSDF. | PPs Submission | <p>The authorization for disposal of HW has been obtained from GPCB and Hazardous Waste Disposal</p> |

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| | | | Statements is attached. Complied Attachment: Click to View |
| 17 | MISCELLANEOUS | Solvent management shall be carried out as follows: (a) Reactor shall be connected to chilled brine condenser system. (b) Reactor and solvent handling pump shall have mechanical seals to prevent leakages. (c) Solvents shall be stored in a separate space specified with all safety measures. (d) Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done. (e) Entire plant shall be flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses. (f) All the solvent storage tanks shall be connected with vent condensers with chilled brine circulation. | PPs Submission The solvent manegment details report is attached. Complied Attachment: Click to View |
| 18 | AIR QUALITY MONITORING AND PRESERVATION | Volatile organic compounds (VOCs)/Fugitive emissions shall be controlled at 99.97% with effective chillers/modern technology. | PPs Submission The Work place monitoring report is attached. Complied Attachment: Click to View |
| | | | PPs Submission The details report is attached. Complied Attachment: Click to View |
| 19 | WATER QUALITY MONITORING AND PRESERVATION | Storm water from the roof top shall be channelized through pipes to the storage tank constructed for harvesting of rain | PPs Submission As a chemical Industry we are not allowed to recharge the ground water |

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| | | water in the premises and harvested water shall be used for various industrial processes in the unit. No recharge shall be permitted within the premises. Process effluent/ any wastewater shall not be allowed to mix with storm water. | | hence We have started implementation of Roof Top rainwater Harvesting.The more details are attached. Complied Attachment: Click to View |
| | | | PPs Submission | We have provided separate storm water drainage network. The copy of photographs showing storm water drainage network is enclosed. Complied Attachment: Click to View |
| 20 | WASTE MANAGEMENT | The company shall undertake waste minimization measures as below (a) Metering and control of quantities of active ingredients to minimize waste; (b) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. (c) Use of automated filling to minimize spillage. (d) Use of Close Feed system into batch reactors. (e) Venting equipment through vapour recovery system. (f) Use of high-pressure hoses for equipment clearing to reduce wastewater generation." | PPs Submission | We have started production of Sodium Cyanide and waste generated from production process (By product) is 30% NaCN solution and Ammonium sulphate has been recovered and sold to end user. Complied Attachment: Click to View |
| 21 | GREENBELT | The green belt of at least 5-10 m width shall be developed in nearly 33 % of the total project area, mainly along the plant periphery. Selection of | PPs Submission | The details report of Green belt is attached. Complied |

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| | | plant species shall be as per the CPCB guidelines in consultation with the State Forest Department. Records of tree canopy shall be monitored through remote sensing map. Trees have to be planted with spacing of 2m x 2m and number of trees has to be increased accordingly. PP committed to plant 70000 nos. trees with 4 to 5 rows of plants along the boundary. The plant species can be selected that will give better carbon sequestration and plantation shall be started from first year onwards. | | Attachment: Click to View |
| 22 | MISCELLANEOUS | The activities and the action plan proposed by the project proponent to address the socio-economic issues in the study area, shall be completed as per the schedule presented before the Committee and as described in the EMP report in letter and spirit. | PPs Submission | We have merged Socio Economic Activiteis with CER. The Details of CER are enclosed herewith. Complied Attachment: Click to View |
| | | | PPs Submission | We have initiated activities such as construction of School, Social Forestry, Self Help Groups, Forest Rescue Centre and Other Social Activities on basis of local community needs and assessment. Complied Attachment: Click to View |
| 23 | MISCELLANEOUS | A separate Environmental Management Cell (having qualified person with Environmental Science/Environmental | PPs Submission | We have separate Environment Management Cell in Place. We |

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| | | Engineering/specialization in the project area) equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions. | | have started separate Environmental Laboratory with Monitoring Facility. The details of Environment Management Cell are given in attachment. Complied Attachment: Click to View | |
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General Conditions

| Sr.No. | Condition Heading | Condition Details | Status of Compliance,Remarks/Reason and Supporting Documents | |
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| 1 | Statutory compliance | No further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change/SEIAA, as applicable. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any. | PPs Submission | Noted. We have started construction activities after obtaining EC/CTE. The CC&A has been also obtained vide latter No AWH-111661 dated 23.03.2021 valid upto 12.03.2024 for Few EC Granted Products.No such capecity Expanssion Without Approval. Complied Attachment: NA |
| 2 | Statutory compliance | The Project proponent shall strictly comply with the rules and guidelines issued under the | PPs Submission | We have implemented requirements of MSIHC Rules 2002 |

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| | | <p>Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989, as amended time to time, the Chemical Accidents (Emergency Planning, Preparedness and Response) Rules, 1996, and Hazardous and Other Wastes (Management and Trans-Boundary Movement) Rules, 2016 and other rules notified under various Acts.</p> | | <p>by On site emergency plan/Off site emergency plan/Mock Drills / Separate storage of Hazardous Chemicals/ MSDS for all RM & FGs Complied Attachment: Click to View</p> |
| 3 | ENERGY PRESERVATION MEASURES | <p>The energy source for lighting purpose shall be preferably LED based, or advanced having preference in energy conservation and environment betterment.</p> | PPs Submission | <p>We have installed LED Lights at Offices; Plant Area & preference is given to advanced technology for lower power consumption while selection of equipment. The details of LED Lighting are attached. Complied Attachment: Click to View</p> |
| 4 | Noise Monitoring & Prevention | <p>The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under the Environment (Protection) Act, 1986 Rules, 1989 viz. 75</p> | PPs Submission | <p>The unit has installed noise control measures including acoustic enclosures, silencers etc. on all sources of noise generation. The summary of MoEF Approved Laboratory Ambient Noise Report is enclosed. Complied Attachment: Click to View</p> |

| | | dba (day time) and 70 dba (night time). | | |
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| 5 | MISCELLANEOUS | The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. The activities shall be undertaken by involving local villages and administration. The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment. | PPs Submission | The Unit has started CER Activities. The details of Activities and amount spent for CER are given in attachment. Complied Attachment: Click to View |
| 6 | MISCELLANEOUS | 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. | PPs Submission | The sufficient funds are earmarked for implementation of Conditions of granted EC. The Ongoing Investment for Environmental Protection Measures is given in attachment. Complied Attachment: Click to View |
| 7 | Statutory compliance | A copy of the clearance letter shall be sent by the project proponent to be concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from | PPs Submission | The copy of EC has been submitted to Local Authorities. The copy of acknowledgement for submission to different Authorities has been attached. |

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| | | whom suggestions/ representations, if any, were received while processing the proposal | | Complied Attachment: Click to View |
| 8 | Statutory compliance | The project proponent shall also upload/submit six monthly reports on Parivesh Portal on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data to the respective Integrated Regional Office of MoEF&CC, the respective Zonal Office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company. | PPs Submission | We submit regular Half Yearly Compliance to Regional Office MoEF&CC . The details of EC Compliance Report submission are given in attachment. Complied Attachment: Click to View |
| 9 | Statutory compliance | The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Integrated Regional Office of MoEF&CC by e-mail. | PPs Submission | The environmental statement report is attached. Complied Attachment: NA |
| | | | PPs Submission | The environmental statement report is attached. Complied Attachment: Click to View |

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| 10 | MISCELLANEOUS | The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry and at https://parivesh.nic.in/ . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry. | PPs Submission | The EC Was Granted on 29/11/2021 & We have informed in public on grant of EC by advertisement in Two News Papers, One in English News Paper and one in Gujarati News paper before seven days. The copy of News paper advertisement is attached. Complied Attachment: Click to View |
| 11 | MISCELLANEOUS | The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project. | PPs Submission | We have not taken any Financial loan. Complied Attachment: NA |
| 12 | Statutory compliance | This Environmental clearance is granted subject to final outcome of Hon ^{ble} Supreme Court of India, Hon ^{ble} High Court, Hon ^{ble} NGT and any other Court of Law, if any, as may be applicable to this project. | PPs Submission | Noted for Compliance. Complied Attachment: NA |

Document Upload

Last Site Visit Report (if available)

NA

Last Site Visit Report Date (if available)

Additional Attachment (if any)

NA

Additional Remarks (if any)

Back