



# United Phosphorus Limited

117, G.I.D.C., Ankleshwar - 393 002, Gujarat, (India)  
Ph. (02646) 250336, 251223, 251249, 250279 Fax (02646) 250297



Responsible Care\*

Ref : f/13  
February 18, 2013

Unit # 01  
Plot # 117 / 118, GIDC, Ankleshwar - 393 002

Dr A Mehrotra, Director (S)  
Ministry of Environment & Forests  
Western Region Office  
Kendriya Paryavaran Bhavan  
Link Road # 3  
E - 5, Ravi Shankar Nagar  
Bhopal - 462 016  
Madhya Pradesh

Dear Sir;

Sub :- Half yearly Compliance Report to conditions of Environmental Clearance (July to December 2012)

Ref :- Environmental Clearance # J.11011/77/2002-IA.II dated 17.07.2003; and  
Environmental Clearance # J.11011/407/2006-IA.II(I) dated 04.04.2007

Kindly refer above Environmental Clearance # J.11011/77/2002-IA.II dated 17.07.2003 and Environmental Clearance # J.11011/407/2006-IA.II(I) dated 04.04.2007 granted to our Unit # 01 located at Plot # 117 / 118, GIDC, Ankleshwar - 393 002, Dist - Bharuch, Gujarat.

We are sending herewith the half yearly compliance report along with various other required information with respect to our Unit # 01 for your kind reference and records. The details given are with respect to the period July 2012 to December 2012.

We have obtained product mix change for products being manufactured, vide GPCB NOC # GPCB/BRCH-CCA-158(7)/ID-15833/106214 dated 06.02.2012 without increasing overall pollution load and without increasing total production quantity. GPCB has amended our Consent To Operate vide their letter # GPCB/BRCH-CCA158(8)/ID-15833/121755 dated 21.08.2012. Copy of the amended CC&A is attached herewith.

We would like to bring to your kind attention that we have taken following initiatives at our Unit # 01;

Received  
Gujarat Pollution Control Board  
R.Q. Ankleshwar

19/2/2013

- Installed Shimadzu Japan make online TOC / TKN meter and real-time data are transmitted to GPCB XGN System
- Constructed Hazardous Incinerable Waste Storage as per CPCB Guideline
- Unit is having Nursery within the premises for developing various types of saplings
- Introduced additional tertiary treatment for Ammonical Nitrogen reduction using Sodium Hypochlorite

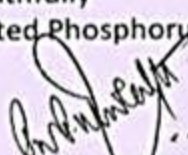
Soft copy of the details is also enclosed herewith in the attached CD.

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, United Phosphorus Ltd

  
DR P N PARAMESWARAN  
Vice President (Environment)

Encl : a/a

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  
Ankleshwar - 393 002

GPCB XGN ID # 15833

**Compliance Report for conditions in  
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issued by Ministry of Environment and Forests, New Delhi for expansion of pesticide unit by  
United Phosphorus Ltd., Unit # 1, Ankleshwar, Gujarat  
Period – July to December 2012**

<b>Condition</b>		<b>Compliance Status</b>
<b>No</b>	<b>Description</b>	
*	<p>The Environmental Clearance is issued for the following products</p> <ul style="list-style-type: none"> <li>⇒ Penoxaline @ 150 MT / Month</li> <li>⇒ Cartap @ 50 MT / Month</li> <li>⇒ Metabromuron @ 50 MT / Month</li> <li>⇒ Phosphamidon @ 150 MT / Month</li> <li>⇒ Dichlorovos @ 200 MT / Month; and</li> <li>⇒ Antracol / Mancozeb @ 500 / 800 MT / Month</li> <li>⇒ Penoxaline @ 25 MT / Month</li> <li>⇒ Mancozeb @ 200 MT / Month</li> <li>⇒ Tebuconazole @ 25 MT / Month</li> <li>⇒ Phosphamidon <u>OR</u> Flonicamide @ 150 <u>OR</u> 50 MT / Month</li> </ul> <p>Environmental Clearance also contains the following by-products</p> <ul style="list-style-type: none"> <li>⇒ Hydrated Sodium Sulphate @ 737 MT / Month</li> <li>⇒ Sodium Sulphite Solution @ 298 MT / Month</li> <li>⇒ Sodium Bromide Solution @ 95 MT / Month</li> <li>⇒ Sodium Sulphite Solids @ 31 MT / Month</li> <li>⇒ Liquefied Methyl Chloride @ 131 MT / Month; and</li> <li>⇒ 30 % HCL @ 138 MT / Month</li> </ul>	<p><b>Complied.</b></p> <p>Production details are attached for the period of <b>July to December 2012</b></p> <p><i>We have Obtained Amendment in Consent to Operate (CC&amp;A) vide GPCB letter # GPCB/BRCH/CCA/158(8)/ID-15833/121755 dated 21.08.2012. Copy attached at Annexure # 01</i></p>

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United Phosphorus Ltd., Unit # 1, Ankleshwar, Gujarat  
Period – July to December 2012**

<b>Condition</b>		<b>Compliance Status</b>
<b>No</b>	<b>Description</b>	
*	The land area of the project is 1,36,777 m <sup>2</sup> . Project does not involve forest land and displacement of people. Water requirement is 951.1 kl / day. Solid waste in the form of ETP Sludge (30 MT / Month); Incinerator Ash (4.5 MT / Month) and Inorganic Solids from Monocrotophos Plant (75.6 MT / Month); Solid Salts (82 MT / Month); and Salt from RO System will be disposed off in the secured landfill facility. NOC from GPCB was obtained on 29.06.2002. Public Hearing was held on 16.01.2002	
*	MOEF accords Environmental Clearance to the project under provisions of EIA Notification dated 27.01.1994 as amended subsequently subject to compliance of various special and general conditions	
**	<i>We have Obtained Amendment in Consent to Operate (CC&amp;A) vide GPCB letter # GPCB/BRCH/CCA/158(8)/ID-15833/121755 dated 21.08.2012. Copy attached at Annexure # 01</i>	

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Period – July to December 2012**

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<b>No</b>	<b>Description</b>																									
<b>A → SPECIFIC CONDITIONS</b>																										
<b>1</b>	Gaseous emissions (SO <sub>2</sub> , NO <sub>x</sub> , HCl, HC and Cl <sub>2</sub> ) and PM from various process units should conform to standards prescribed by authorities. At no time, emissions to go beyond standards. During failure of pollution control systems, unit should not be restarted until measures are rectified to achieve the efficiency	<p><b>Complied.</b></p> <p>Monitoring done internally and through external agency.</p> <p>Reports are attached herewith for the period of <b>July to December 2012</b></p> <p>All parameters are within permissible limit. <i>We have also started monitoring PM2.5 parameter for ambient air as per new standards</i></p> <p style="text-align: center;"><i>Flue Gas Stacks Emissions</i></p> <hr/> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;"><i>Parameter</i></th> <th style="text-align: center;"><i>Range</i></th> </tr> </thead> <tbody> <tr> <td style="text-align: center;"><i>SO<sub>2</sub></i></td> <td style="text-align: center;"><i>10 -18 mg/nm<sup>3</sup></i></td> </tr> <tr> <td></td> <td style="text-align: center;"><i>Stack attached to Boilers</i></td> </tr> <tr> <td style="text-align: center;"><i>NO<sub>x</sub></i></td> <td style="text-align: center;"><i>9 – 11 mg/nm<sup>3</sup></i></td> </tr> <tr> <td></td> <td style="text-align: center;"><i>Stack attached to Boilers</i></td> </tr> </tbody> </table> <hr/> <p style="text-align: center;"><i>Process Stack Emissions</i></p> <hr/> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;"><b>Parameter</b></th> <th style="text-align: center;"><b>Range</b></th> </tr> </thead> <tbody> <tr> <td style="text-align: center;"><i>HCl</i></td> <td style="text-align: center;"><i>1.8 – 3.1 mg/m<sup>3</sup></i></td> </tr> <tr> <td></td> <td style="text-align: center;"><i>In PCI3 Plant Stack attached to storage tank</i></td> </tr> <tr> <td style="text-align: center;"><i>Cl<sub>2</sub></i></td> <td style="text-align: center;"><i>0.5 –1.7 mg/m<sup>3</sup></i></td> </tr> <tr> <td></td> <td style="text-align: center;"><i>In PCI3 Plant Stack attached to Storage Tank</i></td> </tr> <tr> <td style="text-align: center;"><i>SPM</i></td> <td style="text-align: center;"><i>57 - 78 mg/nm<sup>3</sup></i></td> </tr> <tr> <td></td> <td style="text-align: center;"><i>SPD of CaCl<sub>2</sub> Plant</i></td> </tr> </tbody> </table> <hr/>	<i>Parameter</i>	<i>Range</i>	<i>SO<sub>2</sub></i>	<i>10 -18 mg/nm<sup>3</sup></i>		<i>Stack attached to Boilers</i>	<i>NO<sub>x</sub></i>	<i>9 – 11 mg/nm<sup>3</sup></i>		<i>Stack attached to Boilers</i>	<b>Parameter</b>	<b>Range</b>	<i>HCl</i>	<i>1.8 – 3.1 mg/m<sup>3</sup></i>		<i>In PCI3 Plant Stack attached to storage tank</i>	<i>Cl<sub>2</sub></i>	<i>0.5 –1.7 mg/m<sup>3</sup></i>		<i>In PCI3 Plant Stack attached to Storage Tank</i>	<i>SPM</i>	<i>57 - 78 mg/nm<sup>3</sup></i>		<i>SPD of CaCl<sub>2</sub> Plant</i>
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Period – July to December 2012**

<b>Condition</b>		<b>Compliance Status</b>								
<b>No</b>	<b>Description</b>									
<b>2</b>	Fugitive emissions in workplace environment, product, raw material storage areas must be monitored. Flue gas emissions should conform to standards prescribed by GPCB	<p><b>Complied.</b></p> <p>Fugitive emission monitoring at various locations are being carried out by our QA Department.</p> <p>Fugitive Emission Reports are attached herewith for the period of <b>July to December 2012</b></p> <p style="text-align: center;"><i>Fugitive Emissions</i></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Parameter</th> <th style="text-align: center;">Range</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;"><i>Cl<sub>2</sub> (TLV= 0.5 ppm)</i></td> <td style="text-align: center;"><i>BDL</i></td> </tr> <tr> <td style="text-align: center;"><i>CS<sub>2</sub> (TLV = 10 ppm)</i></td> <td style="text-align: center;"><i>0 – 2 ppm</i></td> </tr> <tr> <td style="text-align: center;"><i>NH<sub>3</sub> (TLV=25 ppm)</i></td> <td style="text-align: center;"><i>0 – 9 ppm</i></td> </tr> </tbody> </table>	Parameter	Range	<i>Cl<sub>2</sub> (TLV= 0.5 ppm)</i>	<i>BDL</i>	<i>CS<sub>2</sub> (TLV = 10 ppm)</i>	<i>0 – 2 ppm</i>	<i>NH<sub>3</sub> (TLV=25 ppm)</i>	<i>0 – 9 ppm</i>
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<b>3</b>	Process emissions (SPM, HCl, SO <sub>2</sub> , Methyl Chloride and VOC) should be scrubbed through caustic ventury scrubber and conform to standards. Efficiency of scrubber to be improved and maintained as per best practicable technology. VOC data to be monitored and submitted to MOEF. Additional ventury scrubber for Mancozeb, Penoxaline, Phosphamidon plant and a scrubber for Cartap plant to be installed in addition to process scrubbers already installed in the unit	<p><b>Complied.</b></p> <p>Air pollution control systems are provided.</p> <p>VOC Monitoring is done through M/S Bharuch Enviro Infrastructure Ltd.</p> <p>The monitoring data is attached herewith.</p>								



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<b>Condition</b>		<b>Compliance Status</b>
<b>No</b>	<b>Description</b>	
4	As reflected in EIA / EMP Report, effluent generation should not exceed 195 m <sup>3</sup> / day. The waste streams to be segregated into high and low pollution load streams. Effluent with high organic load to be incinerated and dilute streams like from R & D, washing, domestic, dilute streams from process and scrubber blow down, to be given primary, secondary and tertiary treatment before discharging into GIDC drain. Treated effluent to conform to standards. Non toxic effluent to be diverted to RO plant and re cycled to minimize fresh water consumption	<p><b>Complied.</b></p> <p>Treated effluent is discharged to GIDC drain to final Effluent treatment plant, NCTL, Ankleshwar for further treatment &amp; disposal to deep sea. Details of quantity discharged are attached herewith.</p> <p>The permeate from RO System is taken to cooling tower water make up.</p>
5	Waste stream should be treated before taking into solar evaporation pond. Solvent from effluent to be recovered before discharging into solar evaporation pond. As reflected in EIA / EMP Report, Company to install forced evaporation system for aqueous waste to avoid discharge of effluent into solar evaporation pond	<p><b>Complied.</b></p> <p><b>Company has discontinued Solar Evaporation ponds.</b></p> <p>Forced Evaporation System is in operation. Details are attached for the period <b>July to December 2012</b></p>
6	Company to recover Methyl Chloride (CH <sub>3</sub> CL) by installation of CH <sub>3</sub> CL recovery plant. Solvent recovery to be improved and attempts to be made to achieve at least 90 % recovery wherever possible. Rest solvent which can't be recovered, to be incineration. Action to be submitted to Ministry within 3 months	<p><b>Complied.</b></p> <p>Methyl Chloride Plant is in operation.</p> <p>We have EDC solvent in Monocrotophos &amp; having recovery of @ 98%</p>
7	Company to up grade existing incinerator for incineration of hazardous waste. Organic waste, solid waste generated, to be collected and incinerated for total destruction. As reflected in EIA / EMP Report, solid waste and ash obtained after incinerator should be stored in plant premises in a pit with impervious flooring and leachate collection system. Ash and sludge from ETP to be finally disposed off in a TSDF of BEIL. Leachate to be sent to ETP for treatment	<p><b>Complied.</b></p> <p>Company has discontinued operation of Incinerator.</p> <p>Company has taken membership of Common Incinerator at BEIL, Ankleshwar.</p> <p>Details of incinerable waste send to BEIL, Ankleshwar is attached for the period <b>July to December 2012</b></p>

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<b>Condition</b>		<b>Compliance Status</b>
<b>No</b>	<b>Description</b>	
8	Destruction efficiency of incinerator to be assessed by agency like CPCB and reported. Company to monitor VOCs and data submitted to MOEF / CPCB / GPCB regularly	<b>Not Applicable.</b>  Company has discontinued operation of Incinerator. Company has membership of common facility BEIL, Ankleshwar.
9	As per CREP, bio assay test to be replaced by Toxicity Factor Test Method developed by CPCB. $T_F=4$ to be achieved by December 2003 and $T_F=2$ by July 2006. Action plan to be submitted within 3 months	<b>Complied.</b>  $T_F$ factor monitoring results are attached for the period of <b>July to December 2012</b>
10	Green belt in 0.2 hectares in addition to 3.66 hectare to be provided to mitigate the effect of fugitive emissions in the plant. Development of green belt along the boundary wall, open space and avenue roads to be improved in consultation with local DFO as per CPCB guidelines	<b>Complied.</b>  Green belt area provided approx. 0.5 hectare in addition to existing Green belt area 3.66 hectare. This is an on going activity.  <b>During period July to December 2012 trees planted @ 150 Nos</b>
11	Company to adopt waste minimization / cleaner production techniques to reduce pollution load and action plan to be submitted to Ministry within 3 months	<b>Complied.</b>
<i>No</i>	<i>Condition</i>	<i>Compliance Status</i>
	<i>Description</i>	
12	Company to undertake rain water harvesting measures as per action plan submitted to Ministry	<b>Complied.</b>  Rain water harvesting area = 3070 m <sup>2</sup>  Rain water is being used in cooling tower.
13	Company to comply with Environmental Protection measures and safeguards recommended in EIA / EMA / RRA reports as well as recommendations of Public Hearing panel	<b>Complied.</b>  <i>We have Obtained Amendment in Consent to Operate (CC&amp;A) vide GPCB letter # GPCB/BRCH/CCA/158(8)/ID-15833/121755 dated 21.08.2012. Copy attached at Annexure # 01</i>
<b>B → GENERAL CONDITIONS</b>		



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<b>No</b>	<b>Description</b>	
1	Company to adhere to stipulations made by GPCB	<b>Complied.</b>
2	No further expansion / modifications in the plant to be carried out without prior approval of MOEF. In case of deviations / alterations in the project proposals from those submitted, a fresh reference to be made to Ministry to assess adequacy of conditions imposed and add additional environmental protection measures required, if any	<b>Complied</b>
3	Company to comply with MSIHC Rules 2000. Prior approvals of Chief Inspector of Factories, Chief Inspector of Explosives, Fire Safety Inspectorate etc, to be obtained	<b>Complied.</b>
4	Company to comply with HWM Rules and authorization from GPCB to be obtained	<b>Complied</b>  <b>Company have Consent &amp; Authorization CC&amp;A #31505 dated 05/06/2010 valid up to 16.06.2013</b>
5	Overall noise levels in and around plant area to be kept within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc, on all sources of noise generation. Ambient noise levels to conform to standards i.e. 75 dBA (day time) and 70 dBA (night time)	<b>Complied.</b>  Noise level monitoring results at different location around Plants area are attached.  <hr/> <p style="text-align: center;"><b>Range</b></p> <hr/> <i>Daytime (Limit: 75 dBA) : 41.1 – 73.2</i> <i>Nighttime (Limit: 70 dBA) : 39.7 – 69.6</i> <hr/>
6	Occupational health surveillance program to be undertaken as regular exercise for all employees, specifically for those engaged in handling hazardous substances. First aid facilities in OHC to be strengthened and medical records of each employees to be maintained	Regular medical check up of each employee has been conducted.  Premedical employment medical check up was done for all new joiners for the period of <b>July to December 2012</b>
7	A separate Environment Management Cell with full fledged laboratory to be set up to carry out the environmental management and monitoring functions	<b>Complied.</b>  Water, Stack Monitoring, Bio Assay Test, T <sub>r</sub> Factor Test, Ambient Air Monitoring, voc monitoring, Solid Waste Analysis, Noise Level Monitoring are carried out. Also, Environmental Audit is being carried out regularly.

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8	Company to provide adequate funds for recurring and non-recurring expenses to implement the conditions stipulated by MOEF as well as state government along with implementation schedule for all conditions stipulated. The funds should not be diverted for any other purposes	<b>Complied.</b>  The funds are already provided as part of manufacturing activities and operation of ETP / Incinerator. Separate cost codes are also available.
9	Implementation of the project and Environmental Action Plan to be monitored by MOEF, Regional Office at Bhopal, GPCB / CPCB. A six monthly compliance report to be submitted to monitoring agencies	<b>Complied.</b>  Half yearly reports are being sent during first week of February and August every year to Ministry of Environment and Forests Regional Office, Western Region, Bhopal.
10	Company to inform that public that project has been accorded Environmental Clearance by Ministry and copies are available with GPCB and may be seen at MOEF's web site. This should be advertised within 7 days in two local news papers and copies to be submitted to RO	<b>Complied.</b>  Published in Gujarati and English news papers; and copies submitted to GPCB and MOEF
11	Company to inform RO as well as Ministry, date of financial closure and final approval of the project by concerned authorities and date of commencing the land development work, if any	<b>Complied.</b>
-	Ministry may revoke or suspend the clearance, if implementation of any of the conditions is not satisfactory	<b>Noted</b>
-	Ministry reserves the right to stipulate additional conditions if required. Company, in a time bound manner, will implement the same	<b>Noted</b>
-	The above conditions will be enforced inter-alia under provisions of various acts and rules	<b>Noted</b>

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STACK MONITORING REPORT  
(INTERNAL LAB ANALYSIS REPORT)

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STACK MONITORING REPORT				MONTH : JULY 2012				
PESTICIDES AND PESTICIDE INTERMEDIATES PLANT :								
Sr. No.	AREA IDENTIFICATION (STACK)	DATE OF SAMPLING	HCL 20 mg/Nm <sup>3</sup>	CHLORINE 5 mg/Nm <sup>3</sup>	NH3 30 mg/Nm <sup>3</sup>	NOX 50 mg/Nm <sup>3</sup>	SPM 20 mg/Nm <sup>3</sup>	SO2 100 mg/Nm <sup>3</sup>
1	TMP PLANT VENT OF SCRUBBER ATTACHED TO R-901 AND R-902	06.07.12	----	BDL	9.60	----	----	----
		25.07.12	----	BDL	11.30	----	----	----
2	MANCOZEB PLANT(New) WET SCRUBBER SPRAY DRIER (Mojji)	Not in operation (01.07.12 TO 31.07.12)	----	----	----	----	----	----
			----	----	----	----	----	----
3	MANCOZEB PLANT(Old) SPD WET SCRUBBER OUTLET ( L&T)	Not in operation (01.07.12 TO 31.07.12)	----	----	----	----	----	----
			----	----	----	----	----	----
4	SPRAY DRIER SYSTEM OF ANTRACOL PLANT	15.07.12	----	----	----	----	15.00	----
		25.07.12	----	----	----	----	16.00	----
OTHER CHEMICAL PLANT :								
Sr. No.	AREA IDENTIFICATION (STACK)	DATE OF SAMPLING	HCL 20 mg/m <sup>3</sup>	CHLORINE 9 mg/m <sup>3</sup>	NH3 175 mg/m <sup>3</sup>	NOX 50 mg/Nm <sup>3</sup>	SPM 150 mg/m <sup>3</sup>	SO2 100 mg/Nm <sup>3</sup>
5	IN PCL3 PLANT STACK ATTACHED TO STORAGE SCRUBBER	06.07.12	2.60	0.80	----	----	----	----
		25.07.12	3.10	1.40	----	----	----	----
6	SPRAY DRIER SYSTEM OF CACL2 PLANT	15.07.12	----	----	----	----	59.00	----
			----	----	----	----	----	----

**Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
and Environmental Clearance # J.11011/407/2006-IA.II(I) dated 04.04.2007  
issued by Ministry of Environment and Forests, New Delhi for expansion of pesticide unit by  
United Phosphorus Ltd., Unit # 1, Ankleshwar, Gujarat  
Period – July to December 2012**

		26.07.12	----	----	----	----	67.00	----
7	STACK ATTACHED TO BOILER B5 GT-3138	15.07.12	----	----	----	7.00	19.00	16.00
8	BOILER B6 GT-3476	20.07.12	----	----	----	8.00	26.00	18.00
9	BOILER B7 GT-3515	23.07.12	----	----	----	10.00	23.00	21.00
ALL THE PARAMETERS ARE WITHIN THE LIMITS								
(Analyzed by) Sr.Executive -QA					(Approved by ) HOD -QA			

**Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
and Environmental Clearance # J.11011/407/2006-IA.II(I) dated 04.04.2007  
issued by Ministry of Environment and Forests, New Delhi for expansion of pesticide unit by  
United Phosphorus Ltd., Unit # 1, Ankleshwar, Gujarat  
Period – July to December 2012**

STACK MONITORING REPORT		MONTH : AUG-2012						
PESTICIDES AND PESTICIDE INTERMEDIATES PLANT :								
Sr. No.	AREA IDENTIFICATION (STACK)	DATE OF SAMPLING	HCL 20 mg/Nm <sup>3</sup>	CHLORINE 5 mg/Nm <sup>3</sup>	NH3 30 mg/Nm <sup>3</sup>	NOX 50 mg/Nm <sup>3</sup>	SPM 20 mg/Nm <sup>3</sup>	SO2 100 mg/Nm <sup>3</sup>
1	TMP PLANT VENT OF SCRUBBER ATTACHED TO R-901 AND R-902	09.08.12	----	BDL	13.90	----	----	----
		Not in operation (14.08.12 TO 31.08.12)	----	----	----	----	----	----
2	MANCOZEB PLANT(New) WET SCRUBBER SPRAY DRIER (Mojji)	Not in operation (01.08.12 TO 31.08.12)	----	----	----	----	----	----
3	MANCOZEB PLANT(Old) SPD WET SCRUBBER OUTLET ( L&T)	Not in operation (01.08.12 TO 31.08.12)	----	----	----	----	----	----
4	SPRAY DRIER SYSTEM OF ANTRACOL PLANT	08.08.12	----	----	----	----	14.00	----
		21.08.12	----	----	----	----	17.00	----
OTHER CHEMICAL PLANT :								
Sr. No.	AREA IDENTIFICATION (STACK)	DATE OF SAMPLING	HCL 20 mg/m <sup>3</sup>	CHLORINE 9 mg/m <sup>3</sup>	NH3 175 mg/m <sup>3</sup>	NOX 50 mg/Nm <sup>3</sup>	SPM 150 mg/m <sup>3</sup>	SO2 100 mg/Nm <sup>3</sup>
5	IN PCL3 PLANT STACK ATTACHED TO STORAGE SCRUBBER	09.08.12	1.90	0.70	----	----	----	----
		21.08.12	2.80	1.10	----	----	----	----
6	SPRAY DRIER SYSTEM OF CACL2 PLANT	13.08.12	----	----	----	----	73.00	----

**Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
and Environmental Clearance # J.11011/407/2006-IA.II(I) dated 04.04.2007  
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United Phosphorus Ltd., Unit # 1, Ankleshwar, Gujarat  
Period – July to December 2012**

		Not in operation (15.08.12 TO 31.08.12)	----	----	----	----	----	----
7	STACK ATTACHED TO BOILER B5 GT-3138	Not in operation (01.08.12 TO 31.08.12)	----	----	----	----	----	----
8	BOILER B6 GT-3476	06.08.12	----	----	----	7.00	28.00	20.00
9	BOILER B7 GT-3515	23.08.12	----	----	----	9.00	22.00	15.00
ALL THE PARAMETERS ARE WITHIN THE LIMITS								
(Analyzed by) Sr.Executive -QA					(Approved by ) HOD -QA			



**Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
and Environmental Clearance # J.11011/407/2006-IA.II(I) dated 04.04.2007  
issued by Ministry of Environment and Forests, New Delhi for expansion of pesticide unit by  
United Phosphorus Ltd., Unit # 1, Ankleshwar, Gujarat  
Period – July to December 2012**

STACK MONITORING REPORT		MONTH : SEP-2012						
PESTICIDES AND PESTICIDE INTERMEDIATES PLANT :								
Sr. No.	AREA IDENTIFICATION (STACK)	DATE OF SAMPLING	HCL 20 mg/Nm <sup>3</sup>	CHLORINE 5 mg/Nm <sup>3</sup>	NH3 30 mg/Nm <sup>3</sup>	NOX 50 mg/Nm <sup>3</sup>	SPM 20 mg/Nm <sup>3</sup>	SO2 100 mg/Nm <sup>3</sup>
1	TMP PLANT VENT OF SCRUBBER ATTACHED TO R-901 AND R-902	10.09.12	----	BDL	6.50	----	----	----
		23.09.12	----	BDL	8.70	----	----	----
2	MANCOZEB PLANT(New) WET SCRUBBER SPRAY DRIER (Mojji)	Not in operation (01.09.12 TO 30.09.12)	----	----	----	----	----	----
3	MANCOZEB PLANT(Old) SPD WET SCRUBBER OUTLET ( L&T)	Not in operation (01.09.12 TO 30.09.12)	----	----	----	----	----	----
4	SPRAY DRIER SYSTEM OF ANTRACOL PLANT	12.09.12	----	----	----	----	15.00	----
		26.09.12	----	----	----	----	18.00	----
OTHER CHEMICAL PLANT :								
Sr. No.	AREA IDENTIFICATION (STACK)	DATE OF SAMPLING	HCL 20 mg/m <sup>3</sup>	CHLORINE 9 mg/m <sup>3</sup>	NH3 175 mg/m <sup>3</sup>	NOX 50 mg/Nm <sup>3</sup>	SPM 150 mg/m <sup>3</sup>	SO2 100 mg/Nm <sup>3</sup>
5	IN PCL3 PLANT STACK ATTACHED TO STORAGE SCRUBBER	10.09.12	2.70	0.90	----	----	----	----
		23.09.12	3.10	1.40	----	----	----	----
6	SPRAY DRIER SYSTEM OF CACL2 PLANT	14.09.12	----	----	----	----	67.00	----

**Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
and Environmental Clearance # J.11011/407/2006-IA.II(I) dated 04.04.2007  
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United Phosphorus Ltd., Unit # 1, Ankleshwar, Gujarat  
Period – July to December 2012**

		22.09.12	----	----	----	----	78.00	----
7	STACK ATTACHED TO BOILER B5 GT-3138	Not in operation (01.09.12 TO 30.09.12)	----	----	----	----	----	----
8	BOILER B6 GT-3476	12.09.12	----	----	----	9.00	26.00	22.00
9	BOILER B7 GT-3515	22.09.12	----	----	----	11.00	21.00	18.00
ALL THE PARAMETERS ARE WITHIN THE LIMITS								
(Analyzed by) Sr.Executive -QA					(Approved by ) HOD -QA			

**Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
and Environmental Clearance # J.11011/407/2006-IA.II(I) dated 04.04.2007  
issued by Ministry of Environment and Forests, New Delhi for expansion of pesticide unit by  
United Phosphorus Ltd., Unit # 1, Ankleshwar, Gujarat  
Period – July to December 2012**

STACK MONITORING REPORT								
MONTH : OCT-2012								
PESTICIDES AND PESTICIDE INTERMEDIATES PLANT :								
Sr. No.	AREA IDENTIFICATION (STACK)	DATE OF SAMPLING	HCL 20 mg/Nm <sup>3</sup>	CHLORINE 5 mg/Nm <sup>3</sup>	NH3 30 mg/Nm <sup>3</sup>	NOX 50 mg/Nm <sup>3</sup>	SPM 20 mg/Nm <sup>3</sup>	SO2 100 mg/Nm <sup>3</sup>
1	TMP PLANT VENT OF SCRUBBER ATTACHED TO R-901 AND R-902	10.10.12	----	BDL	9.80	----	----	----
		21.10.12	----	BDL	13.70	----	----	----
2	MANCOZEB PLANT(New) WET SCRUBBER SPRAY DRIER (Mojji)	Not in operation (01.10.12 TO 31.10.12)	----	----	----	----	----	----
3	MANCOZEB PLANT(Old) SPD WET SCRUBBER OUTLET ( L&T)	Not in operation (01.10.12 TO 31.10.12)	----	----	----	----	----	----
4	SPRAY DRIER SYSTEM OF ANTRACOL PLANT	03.10.12	----	----	----	----	13.00	----
		26.10.12	----	----	----	----	11.00	----
OTHER CHEMICAL PLANT :								
Sr. No.	AREA IDENTIFICATION (STACK)	DATE OF SAMPLING	HCL 20 mg/m <sup>3</sup>	CHLORINE 9 mg/m <sup>3</sup>	NH3 175 mg/m <sup>3</sup>	NOX 50 mg/Nm <sup>3</sup>	SPM 150 mg/m <sup>3</sup>	SO2 100 mg/Nm <sup>3</sup>
5	IN PCL3 PLANT STACK ATTACHED TO STORAGE SCRUBBER	10.10.12	2.40	0.60	----	----	----	----
		21.10.12	2.60	0.80	----	----	----	----
6	SPRAY DRIER SYSTEM OF CACL2 PLANT	17.10.12	----	----	----	----	81.00	----

**Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
and Environmental Clearance # J.11011/407/2006-IA.II(I) dated 04.04.2007  
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United Phosphorus Ltd., Unit # 1, Ankleshwar, Gujarat  
Period – July to December 2012**

		22.10.12	----	----	----	----	74.00	----
7	STACK ATTACHED TO BOILER B5 GT-3138	Not in operation (01.10.12 TO 31.10.12)	----	----	----	----	----	----
8	BOILER B6 GT-3476	19.10.12	----	----	----	10.00	22.00	19.00
9	BOILER B7 GT-3515	24.10.12	----	----	----	12.00	28.00	17.00
ALL THE PARAMETERS ARE WITHIN THE LIMITS								
(Analyzed by) Sr.Executive -QA					(Approved by ) HOD -QA			

**Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
and Environmental Clearance # J.11011/407/2006-IA.II(I) dated 04.04.2007  
issued by Ministry of Environment and Forests, New Delhi for expansion of pesticide unit by  
United Phosphorus Ltd., Unit # 1, Ankleshwar, Gujarat  
Period – July to December 2012**

STACK MONITORING REPORT		MONTH : NOV-2012						
PESTICIDES AND PESTICIDE INTERMEDIATES PLANT :								
Sr. No.	AREA IDENTIFICATION (STACK)	DATE OF SAMPLING	HCL 20 mg/Nm <sup>3</sup>	CHLORINE 5 mg/Nm <sup>3</sup>	NH3 30 mg/Nm <sup>3</sup>	NOX 50 mg/Nm <sup>3</sup>	SPM 20 mg/Nm <sup>3</sup>	SO2 100 mg/Nm <sup>3</sup>
1	TMP PLANT VENT OF SCRUBBER ATTACHED TO R-901 AND R-902	07.11.12	----	0.40	5.40	----	----	----
		22.11.12	----	BDL	7.80	----	----	----
2	MANCOZEB PLANT(New) WET SCRUBBER SPRAY DRIER (Mojji)	Not in operation (01.11.12 TO 30.11.12)	----	----	----	----	----	----
3	MANCOZEB PLANT(Old) SPD WET SCRUBBER OUTLET ( L&T)	Not in operation (01.11.12 TO 30.11.12)	----	----	----	----	----	----
4	SPRAY DRIER SYSTEM OF ANTRACOL PLANT	07.11.12	----	----	----	----	14.00	----
		23.11.12	----	----	----	----	16.00	----
Sr. No.	AREA IDENTIFICATION	DATE OF SAMPLING	HCL 20 mg/Nm <sup>3</sup>	SO2 40 mg/Nm <sup>3</sup>	NH3 30 mg/Nm <sup>3</sup>			
1	Fonicamide Plant scrubber, SO2 and HCL SO2 and HCL	02.11.12	BDL	5.05	----	----	----	----
		22.11.12	0.76	16.16	----	----	----	----
	Fonicamide Plant Scrubber, Ammonia	02.11.12	----	----	4.60	----	----	----

**Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
and Environmental Clearance # J.11011/407/2006-IA.II(I) dated 04.04.2007  
issued by Ministry of Environment and Forests, New Delhi for expansion of pesticide unit by  
United Phosphorus Ltd., Unit # 1, Ankleshwar, Gujarat  
Period – July to December 2012**

2		22.11.12	----	----	6.80	----	----	----
OTHER CHEMICAL PLANT :								
Sr. No.	AREA IDENTIFICATION (STACK)	DATE OF SAMPLING	HCL 20 mg/m <sup>3</sup>	CHLORINE 9 mg/m <sup>3</sup>	NH3 175 mg/m <sup>3</sup>	NOX 50 mg/Nm3	SPM 150 mg/m <sup>3</sup>	SO2 100 mg/Nm3
5	IN PCL3 PLANT STACK ATTACHED TO STORAGE SCRUBBER	07.11.12	1.24	0.60	----	----	----	----
		22.11.12	1.10	0.40	----	----	----	----
6	SPRAY DRIER SYSTEM OF CACL2 PLANT	11.11.12	----	----	----	----	69.00	----
		23.11.12	----	----	----	----	83.00	----
7	STACK ATTACHED TO BOILER B5 GT-3138	Not in operation (01.11.12 TO 30.11.12)	----	----	----	----	----	----
8	BOILER B6 GT-3476	08.11.12	----	----	----	8.00	19.00	18.00
9	BOILER B7 GT-3515	22.11.12	----	----	----	13.00	22.00	21.00
ALL THE PARAMETERS ARE WITHIN THE LIMITS								
(Analyzed by) Sr.Executive -QA					(Approved by ) HOD -QA			

**Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
and Environmental Clearance # J.11011/407/2006-IA.II(I) dated 04.04.2007  
issued by Ministry of Environment and Forests, New Delhi for expansion of pesticide unit by  
United Phosphorus Ltd., Unit # 1, Ankleshwar, Gujarat  
Period – July to December 2012**

STACK MONITORING REPORT									MONTH :	DEC-2012
PESTICIDES AND PESTICIDE INTERMEDIATES PLANT :										
Sr. No.	AREA IDENTIFICATION (STACK)	DATE OF SAMPLING	HCL 20 mg/Nm <sup>3</sup>	CHLORINE 5 mg/Nm <sup>3</sup>	NH3 30 mg/Nm <sup>3</sup>	NOX 50 mg/Nm <sup>3</sup>	SPM 20 mg/Nm <sup>3</sup>	SO2 100 mg/Nm <sup>3</sup>		
1	TMP PLANT VENT OF SCRUBBER ATTACHED TO R-901 AND R-902	Not in operation (01.12.12 TO 22.12.12)	----	----	----	----	----	----		
		30.12.12	----	0.70	11.20	----	----	----		
2	MANCOZEB PLANT(New) WET SCRUBBER SPRAY DRIER (Mojji)	Not in operation (01.12.12 TO 31.12.12)	----	----	----	----	----	----		
			----	----	----	----	----	----		
3	MANCOZEB PLANT(Old) SPD WET SCRUBBER OUTLET ( L&T)	Not in operation (01.12.12 TO 31.12.12)	----	----	----	----	----	----		
			----	----	----	----	----	----		
4	SPRAY DRIER SYSTEM OF ANTRACOL PLANT	12.12.12	----	----	----	----	15.00	----		
		20.12.12	----	----	----	----	18.00	----		
Sr. No.	AREA IDENTIFICATION	DATE OF SAMPLING	HCL 20 mg/Nm <sup>3</sup>	SO2 40 mg/Nm <sup>3</sup>	NH3 30 mg/Nm <sup>3</sup>					
1	Flonicamide Plant scrubber, SO2 and HCL SO2 and HCL	08.12.12	0.80	16.10	----	----	----	----		
		19.12.12	0.43	13.13	----	----	----	----		
	Flonicamide Plant Scrubber, Ammonia	08.12.12	----	----	11.30	----	----	----		



**Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
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United Phosphorus Ltd., Unit # 1, Ankleshwar, Gujarat  
Period – July to December 2012**

2		19.12.12	----	----	9.60	----	----	----
OTHER CHEMICAL PLANT :								
Sr. No.	AREA IDENTIFICATION (STACK)	DATE OF SAMPLING	HCL 20 mg/m <sup>3</sup>	CHLORINE 9 mg/m <sup>3</sup>	NH3 175 mg/m <sup>3</sup>	NOX 50 mg/Nm3	SPM 150 mg/m <sup>3</sup>	SO2 100 mg/Nm3
5	IN PCL3 PLANT STACK ATTACHED TO STORAGE SCRUBBER	11.12.12  30.12.12	1.80  2.10	1.20  0.80	----  ----	----  ----	----  ----	----  ----
6	SPRAY DRIER SYSTEM OF CACL2 PLANT	Not in operation (01.12.12 TO 25.12.12)  29.12.12	----  ----	----  ----	----  ----	----  ----	----  59.00	----  ----
7	STACK ATTACHED TO BOILER B5 GT-3138	Not in operation (01.12.12 TO 31.12.12)	----	----	----	----	----	----
8	BOILER B6 GT-3476	25.12.12	----	----	----	11.00	24.00	19.00
9	BOILER B7 GT-3515	25.12.12	----	----	----	15.00	27.00	23.00
ALL THE PARAMETERS ARE WITHIN THE LIMITS								
(Analyzed by) Sr.Executive –QA					(Approved by ) HOD -QA			

Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
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United Phosphorus Ltd., Unit # 1, Ankleshwar, Gujarat  
Period – July to December 2012

STACK MONITORING REPORT  
(MAHABAL ENVIROENGINEERS ANALYSIS REPORT)

**Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
and Environmental Clearance # J.11011/407/2006-IA.II(I) dated 04.04.2007  
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United Phosphorus Ltd., Unit # 1, Ankleshwar, Gujarat  
Period – July to December 2012**

**STACK MONITORING REPORT: (By MAHABAL ENVIRO ENGINEERS LIMITED)**

MONTH: July 2012

**PESTICIDES AND PESTICIDES INTERMEDIATES PLANT:**

Sr. No.	AREA IDENTIFICATION (STACK)	DATE OF SAMPLING	HCL 20 mg/m3	CHLORINE 5 mg/m3	NH3 30 mg/m3	NOx 50 mg/m3	SPM 20 mg/m3	SO2 100 mg/m3
1	TMP PLANT VENT OF SCRUBBER ATTACHED TO R-901 AND R-902	13.07.2012		BDL	17.8		--	
2	MANCOZEB PLANT(OLD) WET SCRUBBER SPRAY DRIER	Plant under s/d	Plant under s/d	Plant under s/d	Plant under s/d	Plant under s/d	Plant under s/d	Plant under s/d
3	MANCOZEB PLANT(NEW) SPD WET SCRUBBER OUTLET	Plant under s/d	Plant under s/d	Plant under s/d	Plant under s/d	Plant under s/d	Plant under s/d	Plant under s/d
4	ANTRACOL PLANT (BAG FILTER)	13.07.2012				--	14.1	--
	ANTRACOL PLANT (HOT AIR GENERATOR)	13.07.2012				12.4	--	BDL
<b>OTHER CHEMICAL PLANT</b>								
Sr. No.	AREA IDENTIFICATION (STACK)	DATE OF SAMPLING	PCL3 09 mg/m3	CHLORINE 9 mg/m3	NH3 175 mg/m3	NOX 50 PPM	SPM 150 mg/m3	SO2 100 PPM
5	STACK ATTACHED TO BOILER B5 GT-3138	13.07.2012				Not in operation	Not in operation	Not in operation
	BOILER B6 GT-3476	13.07.2012				BDL	--	BDL
	BOILER B7 GT-3515	13.07.2012				10.4	--	12.7
6	SPRAY DRIER SYSTEM OF CACL2 PLANT	13.07.2012	--	--	--		62.4	
7	IN PCL3 PLANT STACK ATTACHED TO STORAGE SCRUBBER	13.07.2012	0.5	BDL	--		--	

ALL THE PARAMETERS ARE WITHIN THE LIMITS

**Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
and Environmental Clearance # J.11011/407/2006-IA.II(I) dated 04.04.2007  
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United Phosphorus Ltd., Unit # 1, Ankleshwar, Gujarat  
Period – July to December 2012**

**STACK MONITORING REPORT: (BY MAHABAL ENVIRO ENGINEERS PVT. LTD.)**

MONTH: August 2012

**PESTICIDES AND PESTICIDES INTERMEDIATES PLANT:**

Sr. No.	AREA IDENTIFICATION (STACK)	DATE OF SAMPLING	HCL 20 mg/m3	CHLORINE 5 mg/m3	NH3 30 mg/m3	NOx 50 mg/m3	SPM 20 mg/m3	SO2 100 mg/m3
1	TMP PLANT VENT OF SCRUBBER ATTACHED TO R-901 AND R-902	11.08.2012		BDL	7.9		--	
2	MANCOZEB PLANT(OLD) WET SCRUBBER SPRAY DRIER	Plant under s/d	Plant under s/d	Plant under s/d	Plant under s/d	Plant under s/d	Plant under s/d	Plant under s/d
3	MANCOZEB PLANT(NEW) SPD WET SCRUBBER OUTLET	Plant under s/d	Plant under s/d	Plant under s/d	Plant under s/d	Plant under s/d	Plant under s/d	Plant under s/d
4	ANTRACOL PLANT (BAG FILTER)	11.08.2012				--	10.4	--
	ANTRACOL PLANT (HOT AIR GENERATOR)	11.08.2012				10.9	--	BDL
<b>OTHER CHEMICAL PLANT</b>								
Sr. No.	AREA IDENTIFICATION (STACK)	DATE OF SAMPLING	PCL3 09 mg/m3	CHLORINE 9 mg/m3	NH3 175 mg/m3	NOX 50 PPM	SPM 150 mg/m3	SO2 100 PPM
5	STACK ATTACHED TO BOILER B5 GT-3138	11.08.2012				Not in operation	Not in operation	Not in operation
	BOILER B6 GT-3476	11.08.2012				9.1	BDL	BDL
	BOILER B7 GT-3515	11.08.2012				10.9	BDL	BDL
6	SPRAY DRIER SYSTEM OF CACL2 PLANT	11.08.2012	--	--	--		44.2	
7	IN PCL3 PLANT STACK ATTACHED TO STORAGE SCRUBBER	11.08.2012	0.9	BDL	--		--	

ALL THE PARAMETERS ARE WITHIN THE LIMITS

**Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
and Environmental Clearance # J.11011/407/2006-IA.II(I) dated 04.04.2007  
issued by Ministry of Environment and Forests, New Delhi for expansion of pesticide unit by  
United Phosphorus Ltd., Unit # 1, Ankleshwar, Gujarat  
Period – July to December 2012**

**STACK MONITORING REPORT :(BY MAHABAL ENVIRO ENGINEERS PVT. LTD.)**

MONTH: September 2012

**PESTICIDES AND PESTICIDES INTERMEDIATES PLANT:**

Sr. No.	AREA IDENTIFICATION (STACK)	DATE OF SAMPLING	HCL 20 mg/m3	CHLORINE 5 mg/m3	NH3 30 mg/m3	NOx 50 mg/m3	SPM 20 mg/m3	SO2 100 mg/m3
1	TMP PLANT VENT OF SCRUBBER ATTACHED TO R-901 AND R-902	22.09.2012		BDL	16.4		--	
2	MANCOZEB PLANT(OLD) WET SCRUBBER SPRAY DRIER	Plant under s/d	Plant under s/d	Plant under s/d	Plant under s/d	Plant under s/d	Plant under s/d	Plant under s/d
3	MANCOZEB PLANT(NEW) SPD WET SCRUBBER OUTLET	Plant under s/d	Plant under s/d	Plant under s/d	Plant under s/d	Plant under s/d	Plant under s/d	Plant under s/d
4	ANTRACOL PLANT (BAG FILTER)	22.09.2012				--	8.2	--
	ANTRACOL PLANT (HOT AIR GENERATOR)	22.09.2012				7.6	--	BDL

**OTHER CHEMICAL PLANT**

Sr. No.	AREA IDENTIFICATION (STACK)	DATE OF SAMPLING	PCL3 09 mg/m3	CHLORINE 9 mg/m3	NH3 175 mg/m3	NOX 50 PPM	SPM 150 mg/m3	SO2 100 PPM
5	STACK ATTACHED TO BOILER B5 GT-3138	22.09.2012				Not in operation	Not in operation	Not in operation
	BOILER B6 GT-3476	22.09.2012				8.2	BDL	BDL
	BOILER B7 GT-3515	22.09.2012				9.6	BDL	BDL
6	SPRAY DRIER SYSTEM OF CACL2 PLANT	22.09.2012	--	--	--		97.4	
7	IN PCL3 PLANT STACK ATTACHED TO STORAGE SCRUBBER	22.09.2012	BDL	BDL	--		--	

ALL THE PARAMETERS ARE WITHIN THE LIMITS

**Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
and Environmental Clearance # J.11011/407/2006-IA.II(I) dated 04.04.2007  
issued by Ministry of Environment and Forests, New Delhi for expansion of pesticide unit by  
United Phosphorus Ltd., Unit # 1, Ankleshwar, Gujarat  
Period – July to December 2012**

**STACK MONITORING REPORT: (BY MAHABAL ENVIRO ENGINEERS PVT. LTD.)**

MONTH: October 2012

**PESTICIDES AND PESTICIDES INTERMEDIATES PLANT:**

Sr. No.	AREA IDENTIFICATION (STACK)	DATE OF SAMPLING	HCL 20 mg/m3	CHLORINE 5 mg/m3	NH3 30 mg/m3	NOx 50 mg/m3	SPM 20 mg/m3	SO2 100 mg/m3
1	TMP PLANT VENT OF SCRUBBER ATTACHED TO R-901 AND R-902	Not in operation	Not in operation	Not in operation	Not in operation	Not in operation	Not in operation	Not in operation
2	MANCOZEB PLANT(OLD) WET SCRUBBER SPRAY DRIER	Plant under s/d	Plant under s/d	Plant under s/d	Plant under s/d	Plant under s/d	Plant under s/d	Plant under s/d
3	MANCOZEB PLANT(NEW) SPD WET SCRUBBER OUTLET	Plant under s/d	Plant under s/d	Plant under s/d	Plant under s/d	Plant under s/d	Plant under s/d	Plant under s/d
4	ANTRACOL PLANT (BAG FILTER)	08.10.2012				--	13.7	--
	ANTRACOL PLANT (HOT AIR GENERATOR)	08.10.2012				7.2	--	BDL
<b>OTHER CHEMICAL PLANT</b>								
Sr. No.	AREA IDENTIFICATION (STACK)	DATE OF SAMPLING	PCL3 09 mg/m3	CHLORINE 9 mg/m3	NH3 175 mg/m3	NOX 50 PPM	SPM 150 mg/m3	SO2 100 PPM
5	STACK ATTACHED TO BOILER B5 GT-3138	08.10.2012				Not in operation	Not in operation	Not inoperation
	BOILER B6 GT-3476	08.10.2012				9.1	BDL	BDL
	BOILER B7 GT-3523	08.10.2012				11.8	BDL	BDL
6	SPRAY DRIER SYSTEM OF CACL2 PLANT	Not in operation	Not in operation	Not in operation	Not in operation	Not in operation	Not in operation	Not in operation
7	IN PCL3 PLANT STACK ATTACHED TO STORAGE SCRUBBER	Not in operation	Not in operation	Not in operation	Not in operation	Not in operation	Not in operation	Not in operation

ALL THE PARAMETERS ARE WITHIN THE LIMITS

**Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
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United Phosphorus Ltd., Unit # 1, Ankleshwar, Gujarat  
Period – July to December 2012**

**STACK MONITORING REPORT: (BY MAHABAL ENVIRO ENGINEERS PVT. LTD.)**

MONTH: November 2012

**PESTICIDES AND PESTICIDES INTERMEDIATES PLANT:**

Sr. No.	AREA IDENTIFICATION (STACK)	DATE OF SAMPLING	HCL 20 mg/m3	CHLORINE 5 mg/m3	NH3 30 mg/m3	NOx 50 mg/m3	SPM 20 mg/m3	SO2 100 mg/m3
1	TMP PLANT VENT OF SCRUBBER ATTACHED TO R-901 AND R-902	Not in operation	Not in operation	Not in operation	Not in operation	Not in operation	Not in operation	Not in operation
2	MANCOZEB PLANT(OLD) WET SCRUBBER SPRAY DRIER	Plant under s/d	Plant under s/d	Plant under s/d	Plant under s/d	Plant under s/d	Plant under s/d	Plant under s/d
3	MANCOZEB PLANT(NEW) SPD WET SCRUBBER OUTLET	Plant under s/d	Plant under s/d	Plant under s/d	Plant under s/d	Plant under s/d	Plant under s/d	Plant under s/d
4	ANTRACOLPLANT (BAG FILTER)  ANTRACOL PLANT (HOT AIR GENERATOR)	Not in operation	Not in operation	Not in operation	Not in operation	Not in operation	Not in operation	Not in operation
<b>OTHER CHEMICAL PLANT</b>								
Sr. No.	AREA IDENTIFICATION (STACK)	DATE OF SAMPLING	PCL3 09 mg/m3	CHLORINE 9 mg/m3	NH3 175 mg/m3	NOX 50 PPM	SPM 150 mg/m3	SO2 100 PPM
5	STACK ATTACHED TO BOILER B5 GT-3138	09.11.2012				Not in operation	Not in operation	Not in operation
	BOILER B6 GT-3476	09.11.2012				9.5	--	--
	BOILER B7 GT-3515	09.11.2012				Not in operation	Not in operation	Not in operation
6	SPRAY DRIER SYSTEM OF CACL2 PLANT	Not in operation	Not in operation	Not in operation	Not in operation	Not in operation	Not in operation	Not in operation
7	IN PCL3 PLANT STACK ATTACHED TO STORAGE SCRUBBER	Not in operation	Not in operation	Not in operation	Not in operation	Not in operation	Not in operation	Not in operation

ALL THE PARAMETERS ARE WITHIN THE LIMITS



**Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
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United Phosphorus Ltd., Unit # 1, Ankleshwar, Gujarat  
Period – July to December 2012**

**STACK MONITORING REPORT: (BY MAHABAL ENVIRO ENGINEERS PVT. LTD.)**

MONTH: December 2012

**PESTICIDES AND PESTICIDES INTERMEDIATES PLANT:**

Sr. No.	AREA IDENTIFICATION (STACK)	DATE OF SAMPLING	HCL 20 mg/m <sup>3</sup>	CHLORINE 5 mg/m <sup>3</sup>	NH <sub>3</sub> 30 mg/m <sup>3</sup>	NO <sub>x</sub> 50 mg/m <sup>3</sup>	PM 20 mg/m <sup>3</sup>	SO <sub>2</sub> 100 mg/m <sup>3</sup>
1	TMP PLANT VENT OF SCRUBBER ATTACHED TO R-901 AND R-902	Not in operation	Not in operation	Not in operation	Not in operation	Not in operation	Not in operation	Not in operation
2	MANCOZEB PLANT(OLD) WET SCRUBBER SPRAY DRIER	Plant under s/d	Plant under s/d	Plant under s/d	Plant under s/d	Plant under s/d	Plant under s/d	Plant under s/d
3	MANCOZEB PLANT(NEW) SPD WET SCRUBBER OUTLET	Plant under s/d	Plant under s/d	Plant under s/d	Plant under s/d	Plant under s/d	Plant under s/d	Plant under s/d
4	ANTRACOL PLANT (BAG FILTER)	27.12.2012				--	13.1	--
	ANTRACOL PLANT (HOT AIR GENERATOR)	27.12.2012				10.1	BDL	BDL

**OTHER CHEMICAL PLANT**

Sr. No.	AREA IDENTIFICATION (STACK)	DATE OF SAMPLING	PCL <sub>3</sub> 09 mg/m <sup>3</sup>	CHLORINE 9 mg/m <sup>3</sup>	NH <sub>3</sub> 175 mg/m <sup>3</sup>	NO <sub>x</sub> 50 PPM	SPM 150 mg/m <sup>3</sup>	SO <sub>2</sub> 100 PPM
5	STACK ATTACHED TO BOILER B5 GT-3138	24.12.2012				Not in operation	Not in operation	Not in operation
	BOILER B6 GT-3476	24.12.2012				10.1	BDL	BDL
	BOILER B7 GT-3515	24.12.2012				10.7	BDL	BDL
6	SPRAY DRIER SYSTEM OF CACL <sub>2</sub> PLANT	Not in operation	Not in operation	Not in operation	Not in operation	Not in operation	Not in operation	Not in operation
7	IN PCL <sub>3</sub> PLANT STACK ATTACHED TO STORAGE SCRUBBER	Not in operation	Not in operation	Not in operation	Not in operation	Not in operation	Not in operation	Not in operation

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Period – July to December 2012**

**AMBIENT AIR MONITORING  
(OUR INTERNAL LAB ANALYSIS REPORTS)**

**Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
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United Phosphorus Ltd., Unit # 1, Ankleshwar, Gujarat  
Period – July to December 2012**

AMBIENT AIR MONITORING REPORT								
MONTH : JUL-2012								
		PM 2.5	PM 10	AMMONIA	CL2	HCL	NOX	SO2
LIMITS -->		60	100	400	100	200	80	80
		Microg/m <sup>3</sup>	Microg/m <sup>3</sup>	Microg/m <sup>3</sup>	Microg/m <sup>3</sup>	Microg/m <sup>3</sup>	Microg/m <sup>3</sup>	Microg/m <sup>3</sup>
LOCATION	DATE							
NEAR MAIN GATE	02.07.12		86	4.0	BDL	3.30	4.00	
NEAR MAIN GATE	06.07.12	41	73	4.0	BDL	2.31		3.00
NEAR MAIN GATE	08.07.12		77	5.0	BDL	2.64	3.00	
NEAR MAIN GATE	11.07.12		81	3.0	BDL	3.63		4.00
NEAR MAIN GATE	15.07.12	48	85	4.0	BDL	1.65	4.00	
NEAR MAIN GATE	18.07.12		71	3.0	BDL	4.29		5.00
NEAR MAIN GATE	21.07.12		65	5.0	BDL	2.64	3.00	
NEAR MAIN GATE	24.07.12	39	73	4.0	BDL	3.30		3.00
NEAR MAIN GATE	26.07.12	43	68	5.0	BDL	4.29	3.00	
NEAR MAIN GATE	29.07.12		72	4.0	BDL	3.63		5.00
	<b>Maximum</b>	<b>48</b>	<b>86</b>	<b>5</b>	<b>BDL</b>	<b>4.29</b>	<b>4</b>	<b>5</b>
	<b>Minimum</b>	<b>39</b>	<b>65</b>	<b>3</b>	<b>BDL</b>	<b>1.65</b>	<b>3</b>	<b>3</b>
	<b>Average</b>	<b>42.75</b>	<b>75.10</b>	<b>4.10</b>	<b>BDL</b>	<b>3.17</b>	<b>3.40</b>	<b>4.00</b>
	<b>%Deviation</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>
<b>All the parameters are within the limits</b>								
( Analyzed by ) Sr.Executive -QA					( Approved by ) HOD -QA			

**Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
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United Phosphorus Ltd., Unit # 1, Ankleshwar, Gujarat  
Period – July to December 2012**

AMBIENT AIR MONITORING REPORT							
MONTH : JUL-2012							
		PM 10	AMMONIA	CL2	HCL	NOX	SO2
LIMITS -->		100	400	100	200	80	80
		Microg/m <sup>3</sup>	Microg/m <sup>3</sup>	Microg/m <sup>3</sup>	Microg/m <sup>3</sup>	Microg/m <sup>3</sup>	Microg/m <sup>3</sup>
LOCATION	DATE						
B/H CACL2 PLANT	02.07.12	89	52.0	BDL	8.58	9.00	
B/H CACL2 PLANT	06.07.12	78	69.0	BDL	13.86		8.00
B/H CACL2 PLANT	08.07.12	78	62.0	BDL	11.55	12.00	
B/H CACL2 PLANT	11.07.12	87	58.0	BDL	10.23		11.00
B/H CACL2 PLANT	15.07.12	90	64.0	BDL	9.57	9.00	
B/H CACL2 PLANT	18.07.12	73	70.0	BDL	15.18		13.00
B/H CACL2 PLANT	21.07.12	62	54.0	BDL	13.20	11.00	
B/H CACL2 PLANT	24.07.12	78	61.0	BDL	9.90		15.00
B/H CACL2 PLANT	26.07.12	81	57.0	BDL	11.55	8.00	
B/H CACL2 PLANT	29.07.12	88	62.0	BDL	9.57		12.00
	<b>Maximum</b>	<b>90</b>	<b>70</b>	<b>BDL</b>	<b>15.18</b>	<b>12</b>	<b>15</b>
	<b>Minimum</b>	<b>62</b>	<b>52</b>	<b>BDL</b>	<b>8.58</b>	<b>8</b>	<b>8</b>
	<b>Average</b>	<b>80.40</b>	<b>60.90</b>	<b>0</b>	<b>11.32</b>	<b>9.80</b>	<b>11.80</b>
	<b>%Deviation</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>
<b>All the parameters are within the limits</b>							
( Analyzed by ) Sr.Executive -QA				(Approved by ) HOD -QA			

**Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
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Period – July to December 2012**

AMBIENT AIR MONITORING REPORT							
MONTH : JUL-2012							
		SPM	AMMONIA	CL2	HCL	NOX	SO2
LIMITS -->		500	400	100	200	80	80
		Microg/m <sup>3</sup>	Microg/m <sup>3</sup>	Microg/m <sup>3</sup>	Microg/m <sup>3</sup>	Microg/m <sup>3</sup>	Microg/m <sup>3</sup>
LOCATION	DATE						
B/H BREQUATING PLANT	02.07.12	148	18.0	BDL	6.27	10.00	
B/H BREQUATING PLANT	06.07.12	121	27.0	BDL	10.56		12.00
B/H BREQUATING PLANT	08.07.12	165	24.0	BDL	7.92	7.00	
B/H BREQUATING PLANT	11.07.12	117	26.0	BDL	6.27		10.00
B/H BREQUATING PLANT	15.07.12	132	29.0	BDL	10.56	8.00	
B/H BREQUATING PLANT	18.07.12	120	22.0	BDL	13.53		13.00
B/H BREQUATING PLANT	21.07.12	137	31.0	BDL	11.22	9.00	
B/H BREQUATING PLANT	24.07.12	117	27.0	BDL	12.21		11.00
B/H BREQUATING PLANT	26.07.12	132	21.0	BDL	10.56	8.00	
B/H BREQUATING PLANT	29.07.12	112	24.0	BDL	7.92		12.00
	<b>Maximum</b>	<b>165</b>	<b>31</b>	<b>BDL</b>	<b>13.53</b>	<b>10</b>	<b>13</b>
	<b>Minimum</b>	<b>112</b>	<b>18</b>	<b>BDL</b>	<b>6.27</b>	<b>7</b>	<b>10</b>
	<b>Average:</b>	<b>130.10</b>	<b>24.90</b>	<b>0</b>	<b>9.70</b>	<b>8.40</b>	<b>11.60</b>
	<b>%Deviation</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>
<b>All the parameters are within the limits</b>							
( Analyzed by ) Sr.Executive -QA				(Approved by ) HOD -QA			

**Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
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Period – July to December 2012**

<b>AMBIENT AIR MONITORING REPORT</b>								
<b>MONTH : AUG-2012</b>								
		PM 2.5	PM 10	AMMONIA	CL2	HCL	NOX	SO2
LIMITS -->		60	100	400	100	200	80	80
		Microg/m <sup>3</sup>	Microg/m <sup>3</sup>	Microg/m <sup>3</sup>	Microg/m <sup>3</sup>	Microg/m <sup>3</sup>	Microg/m <sup>3</sup>	Microg/m <sup>3</sup>
LOCATION	DATE							
NEAR MAIN GATE	03.08.12	38	81	4.0	BDL	2.64	4.00	
NEAR MAIN GATE	07.08.12		73	9.0	BDL	3.30		5.00
NEAR MAIN GATE	09.08.12		89	7.0	BDL	2.64	3.00	
NEAR MAIN GATE	12.08.12	47	78	5.0	BDL	4.29		4.00
NEAR MAIN GATE	15.08.12		69	4.0	BDL	1.32	4.00	
NEAR MAIN GATE	18.08.12	51	85	5.0	BDL	3.96		4.00
NEAR MAIN GATE	22.08.12		71	7.0	BDL	4.62	2.00	
NEAR MAIN GATE	26.08.12	45	83	8.0	BDL	1.65		3.00
NEAR MAIN GATE	28.08.12		87	7.0	BDL	3.30	3.00	
NEAR MAIN GATE	30.08.12		82	5.0	BDL	3.63		4.00
	<b>Maximum</b>	<b>51</b>	<b>89</b>	<b>9</b>	<b>BDL</b>	<b>4.62</b>	<b>4</b>	<b>5</b>
	<b>Minimum</b>	<b>38</b>	<b>69</b>	<b>4</b>	<b>BDL</b>	<b>1.32</b>	<b>2</b>	<b>3</b>
	<b>Average</b>	<b>45.25</b>	<b>79.80</b>	<b>6.10</b>	<b>BDL</b>	<b>3.14</b>	<b>3.20</b>	<b>4.00</b>
	<b>%Deviation</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>
<b>All the parameters are within the limits</b>								
<b>( Analyzed by ) Sr.Executive -QA</b>					<b>(Approved by ) HOD -QA</b>			

**Compliance Report for conditions in  
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Period – July to December 2012**

AMBIENT AIR MONITORING REPORT							
MONTH : AUG-2012							
		PM 10	AMMONIA	CL2	HCL	NOX	SO2
LIMITS -->		100	400	100	200	80	80
		Microg/m <sup>3</sup>	Microg/m <sup>3</sup>	Microg/m <sup>3</sup>	Microg/m <sup>3</sup>	Microg/m <sup>3</sup>	Microg/m <sup>3</sup>
LOCATION	DATE						
B/H CACL2 PLANT	03.08.12	84	57.0	BDL	11.22	8.00	
B/H CACL2 PLANT	07.08.12	72	73.0	BDL	11.55		10.00
B/H CACL2 PLANT	09.08.12	78	55.0	BDL	13.86	11.00	
B/H CACL2 PLANT	12.08.12	85	67.0	BDL	10.23		9.00
B/H CACL2 PLANT	15.08.12	93	62.0	BDL	13.20	12.00	
B/H CACL2 PLANT	18.08.12	75	45.0	BDL	8.58		10.00
B/H CACL2 PLANT	22.08.12	68	71.0	BDL	9.57	9.00	
B/H CACL2 PLANT	26.08.12	88	65.0	BDL	11.22		11.00
B/H CACL2 PLANT	28.08.12	81	48.0	BDL	10.23	11.00	
B/H CACL2 PLANT	30.08.12	90	56.0	BDL	9.90		12.00
	<b>Maximum</b>	<b>93</b>	<b>73</b>	<b>BDL</b>	<b>13.86</b>	<b>12</b>	<b>12</b>
	<b>Minimum</b>	<b>68</b>	<b>45</b>	<b>BDL</b>	<b>8.58</b>	<b>8</b>	<b>9</b>
	<b>Average</b>	<b>81.40</b>	<b>59.90</b>	<b>0</b>	<b>10.96</b>	<b>10.20</b>	<b>10.40</b>
	<b>%Deviation</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>
<b>All the parameters are within the limits</b>							
( Analyzed by ) Sr.Executive -QA				(Approved by ) HOD -QA			

**Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
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Period – July to December 2012**

AMBIENT AIR MONITORING REPORT							
MONTH : AUG-2012							
		SPM	AMMONIA	CL2	HCL	NOX	SO2
LIMITS -->		500	400	100	200	80	80
		Microg/m <sup>3</sup>	Microg/m <sup>3</sup>	Microg/m <sup>3</sup>	Microg/m <sup>3</sup>	Microg/m <sup>3</sup>	Microg/m <sup>3</sup>
LOCATION	DATE						
B/H BREQUATING PLANT	03.08.12	132	22.0	BDL	9.24	9.00	
B/H BREQUATING PLANT	07.08.12	119	31.0	BDL	7.92		11.00
B/H BREQUATING PLANT	09.08.12	148	20.0	BDL	12.21	8.00	
B/H BREQUATING PLANT	12.08.12	127	31.0	BDL	10.56		10.00
B/H BREQUATING PLANT	15.08.12	118	29.0	BDL	11.22	12.00	
B/H BREQUATING PLANT	18.08.12	123	21.0	BDL	7.59		11.00
B/H BREQUATING PLANT	22.08.12	140	29.0	BDL	8.58	9.00	
B/H BREQUATING PLANT	26.08.12	112	18.0	BDL	10.56		8.00
B/H BREQUATING PLANT	28.08.12	130	20.0	BDL	11.22	10.00	
B/H BREQUATING PLANT	30.08.12	119	24.0	BDL	9.90		12.00
	<b>Maximum</b>	<b>148</b>	<b>31</b>	<b>BDL</b>	<b>12.21</b>	<b>12</b>	<b>12</b>
	<b>Minimum</b>	<b>112</b>	<b>18</b>	<b>BDL</b>	<b>7.59</b>	<b>8</b>	<b>8</b>
	<b>Average:</b>	<b>126.80</b>	<b>24.50</b>	<b>0</b>	<b>9.90</b>	<b>9.60</b>	<b>10.40</b>
	<b>%Deviation</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>
<b>All the parameters are within the limits</b>							
( Analyzed by ) Sr.Executive -QA				(Approved by ) HOD -QA			



**Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
and Environmental Clearance # J.11011/407/2006-IA.II(I) dated 04.04.2007  
issued by Ministry of Environment and Forests, New Delhi for expansion of pesticide unit by  
United Phosphorus Ltd., Unit # 1, Ankleshwar, Gujarat  
Period – July to December 2012**

<b>AMBIENT AIR MONITORING REPORT</b>									
<b>MONTH : SEP-2012</b>									
		PM 2.5	PM 10	SPM	AMMONIA	CL2	HCL	NOX	SO2
LIMITS -->		60	100	500	400	100	200	80	80
		Microg/m <sup>3</sup>	Microg/m <sup>3</sup>	Microg/m <sup>3</sup>	Microg/m <sup>3</sup>	Microg/m <sup>3</sup>	Microg/m <sup>3</sup>	Microg/m <sup>3</sup>	Microg/m <sup>3</sup>
LOCATION	DATE								
NEAR MAIN GATE	03.09.12		81	203	4	BDL	5		4
NEAR MAIN GATE	06.09.12	41	95	238	6	BDL	2	3	
NEAR MAIN GATE	09.09.12		78	256	4	BDL	5		5
NEAR MAIN GATE	11.09.12	36	83	221	4	BDL	4	4	
NEAR MAIN GATE	14.09.12		87	252	6	BDL	7		3
NEAR MAIN GATE	19.09.12	39	79	261	8	BDL	4	4	
NEAR MAIN GATE	22.09.12		76	219	5	BDL	6		3
NEAR MAIN GATE	25.09.12	45	89	247	7	BDL	4	6	
NEAR MAIN GATE	27.09.12		72	231	7	BDL	6		5
NEAR MAIN GATE	29.09.12		83	250	4	BDL	5	5	
	<b>Maximum</b>	<b>45</b>	<b>95</b>	<b>261</b>	<b>8</b>	<b>BDL</b>	<b>7</b>	<b>6</b>	<b>5</b>
	<b>Minimum</b>	<b>36</b>	<b>72</b>	<b>203</b>	<b>4</b>	<b>BDL</b>	<b>2</b>	<b>3</b>	<b>3</b>
	<b>Average</b>	<b>40</b>	<b>82</b>	<b>238</b>	<b>6</b>	<b>BDL</b>	<b>5</b>	<b>4</b>	<b>4</b>
	<b>%Deviation</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>
<b>All the parameters are within the limits</b>									
<b>( Analyzed by ) Sr.Executive -QA</b>						<b>(Approved by ) HOD -QA</b>			

**Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
and Environmental Clearance # J.11011/407/2006-IA.II(I) dated 04.04.2007  
issued by Ministry of Environment and Forests, New Delhi for expansion of pesticide unit by  
United Phosphorus Ltd., Unit # 1, Ankleshwar, Gujarat  
Period – July to December 2012**

AMBIENT AIR MONITORING REPORT								
MONTH : SEP-2012								
		PM 10	SPM	AMMONIA	CL2	HCL	NOX	SO2
LIMITS -->		100	500	400	100	200	80	80
		Microg/m <sup>3</sup>	Microg/m <sup>3</sup>	Microg/m <sup>3</sup>	Microg/m <sup>3</sup>	Microg/m <sup>3</sup>	Microg/m <sup>3</sup>	Microg/m <sup>3</sup>
LOCATION	DATE							
B/H CACL2 PLANT	03.09.12	76	225	47	BDL	9		10
B/H CACL2 PLANT	06.09.12	89	237	73	BDL	10	12	
B/H CACL2 PLANT	09.09.12	82	252	68	BDL	12		14
B/H CACL2 PLANT	11.09.12	91	267	52	BDL	13	11	
B/H CACL2 PLANT	14.09.12	72	242	57	BDL	8		13
B/H CACL2 PLANT	19.09.12	83	261	64	BDL	13	10	
B/H CACL2 PLANT	22.09.12	94	232	61	BDL	11		16
B/H CACL2 PLANT	25.09.12	78	221	57	BDL	13	14	
B/H CACL2 PLANT	27.09.12	86	245	39	BDL	11		13
B/H CACL2 PLANT	29.09.12	90	256	43	BDL	10	12	
	<b>Maximum</b>	<b>94</b>	<b>267</b>	<b>73</b>	<b>BDL</b>	<b>13</b>	<b>14</b>	<b>16</b>
	<b>Minimum</b>	<b>72</b>	<b>221</b>	<b>39</b>	<b>BDL</b>	<b>8</b>	<b>10</b>	<b>10</b>
	<b>Average</b>	<b>84</b>	<b>244</b>	<b>56</b>	<b>0</b>	<b>11</b>	<b>12</b>	<b>13</b>
	<b>%Deviation</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>
<b>All the parameters are within the limits</b>								
( Analyzed by ) Sr.Executive -QA					(Approved by ) HOD -QA			

**Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
and Environmental Clearance # J.11011/407/2006-IA.II(I) dated 04.04.2007  
issued by Ministry of Environment and Forests, New Delhi for expansion of pesticide unit by  
United Phosphorus Ltd., Unit # 1, Ankleshwar, Gujarat  
Period – July to December 2012**

AMBIENT AIR MONITORING REPORT							
MONTH : SEP-2012							
		SPM	AMMONIA	CL2	HCL	NOX	SO2
LIMITS -->		500	400	100	200	80	80
		Microg/m <sup>3</sup>	Microg/m <sup>3</sup>	Microg/m <sup>3</sup>	Microg/m <sup>3</sup>	Microg/m <sup>3</sup>	Microg/m <sup>3</sup>
LOCATION	DATE						
B/H BREQUATING PLANT	03.09.12	132	19.0	BDL	9		10
B/H BREQUATING PLANT	06.09.12	119	26.0	BDL	10	9	
B/H BREQUATING PLANT	09.09.12	148	20.0	BDL	11		8
B/H BREQUATING PLANT	11.09.12	127	24.0	BDL	8	11	
B/H BREQUATING PLANT	14.09.12	118	28.0	BDL	11		10
B/H BREQUATING PLANT	19.09.12	123	21.0	BDL	13	13	
B/H BREQUATING PLANT	22.09.12	140	17.0	BDL	10		9
B/H BREQUATING PLANT	25.09.12	112	18.0	BDL	11	11	
B/H BREQUATING PLANT	27.09.12	130	22.0	BDL	7		9
B/H BREQUATING PLANT	29.09.12	119	16.0	BDL	11	10	
	<b>Maximum</b>	<b>148</b>	<b>28</b>	<b>BDL</b>	<b>13</b>	<b>13</b>	<b>10</b>
	<b>Minimum</b>	<b>112</b>	<b>16</b>	<b>BDL</b>	<b>7</b>	<b>9</b>	<b>8</b>
	<b>Average:</b>	<b>127</b>	<b>21</b>	<b>0</b>	<b>10</b>	<b>11</b>	<b>9</b>
	<b>%Deviation</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>
<b>All the parameters are within the limits</b>							
( Analyzed by ) Sr.Executive -QA				(Approved by ) HOD -QA			

**Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
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United Phosphorus Ltd., Unit # 1, Ankleshwar, Gujarat  
Period – July to December 2012**

<b>AMBIENT AIR MONITORING REPORT</b>									
<b>MONTH : OCT-2012</b>									
LIMITS -->		PM 2.5 60 Microg/m <sup>3</sup>	PM 10 100 Microg/m <sup>3</sup>	SPM 500 Microg/m <sup>3</sup>	AMMONIA 400 Microg/m <sup>3</sup>	CL2 100 Microg/m <sup>3</sup>	HCL 200 Microg/m <sup>3</sup>	NOX 80 Microg/m <sup>3</sup>	SO2 80 Microg/m <sup>3</sup>
LOCATION	DATE								
NEAR MAIN GATE	02.10.12		83	240	5	BDL	3	--	5
NEAR MAIN GATE	06.10.12	49	87	223	7	BDL	4	4	--
NEAR MAIN GATE	09.10.12		79	215	5	BDL	6	--	3
NEAR MAIN GATE	14.10.12	38	71	206	9	BDL	5	5	
NEAR MAIN GATE	16.10.12		69	197	7	BDL	3	--	4
NEAR MAIN GATE	18.10.12		88	188	6	BDL	2	4	
NEAR MAIN GATE	20.10.12	53	91	238	7	BDL	4	--	3
NEAR MAIN GATE	22.10.12		93	232	9	BDL	3	5	--
NEAR MAIN GATE	25.10.12	47	76	212	11	BDL	4	--	4
NEAR MAIN GATE	28.10.12		84	207	6	BDL	4	6	--
	<b>Maximum</b>	<b>53</b>	<b>93</b>	<b>240</b>	<b>11</b>	<b>BDL</b>	<b>6</b>	<b>6</b>	<b>5</b>
	<b>Minimum</b>	<b>38</b>	<b>69</b>	<b>188</b>	<b>5</b>	<b>BDL</b>	<b>2</b>	<b>4</b>	<b>3</b>
	<b>Average</b>	<b>47</b>	<b>82</b>	<b>216</b>	<b>7</b>	<b>BDL</b>	<b>4</b>	<b>5</b>	<b>4</b>
	<b>%Deviation</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>
<b>All the parameters are within the limits</b>									
<b>( Analyzed by ) Sr.Executive -QA</b>						<b>(Approved by ) HOD -QA</b>			

**Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
and Environmental Clearance # J.11011/407/2006-IA.II(I) dated 04.04.2007  
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United Phosphorus Ltd., Unit # 1, Ankleshwar, Gujarat  
Period – July to December 2012**

<b>AMBIENT AIR MONITORING REPORT</b>								
<b>MONTH : OCT-2012</b>								
LIMITS -->		PM 10 100 Microg/m <sup>3</sup>	SPM 500 Microg/m <sup>3</sup>	AMMONIA 400 Microg/m <sup>3</sup>	CL2 100 Microg/m <sup>3</sup>	HCL 200 Microg/m <sup>3</sup>	NOX 80 Microg/m <sup>3</sup>	SO2 80 Microg/m <sup>3</sup>
LOCATION	DATE							
B/H CACL2 PLANT	02.10.12	79	229	58	BDL	10	--	12
B/H CACL2 PLANT	06.10.12	93	246	72	BDL	14	13	--
B/H CACL2 PLANT	09.10.12	84	218	76	BDL	13	--	15
B/H CACL2 PLANT	14.10.12	87	232	67	BDL	16	9	--
B/H CACL2 PLANT	16.10.12	91	244	57	BDL	12	--	13
B/H CACL2 PLANT	18.10.12	94	251	49	BDL	10	11	--
B/H CACL2 PLANT	20.10.12	84	263	64	BDL	13	--	12
B/H CACL2 PLANT	22.10.12	81	203	52	BDL	15	13	--
B/H CACL2 PLANT	25.10.12	91	208	34	BDL	10	--	11
B/H CACL2 PLANT	28.10.12	76	221	41	BDL	9	9	--
	<b>Maximum</b>	<b>94</b>	<b>263</b>	<b>76</b>	<b>BDL</b>	<b>16</b>	<b>13</b>	<b>15</b>
	<b>Minimum</b>	<b>76</b>	<b>203</b>	<b>34</b>	<b>BDL</b>	<b>9</b>	<b>9</b>	<b>11</b>
	<b>Average</b>	<b>86</b>	<b>232</b>	<b>57</b>	<b>0</b>	<b>12</b>	<b>11</b>	<b>13</b>
	<b>%Deviation</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>
<b>All the parameters are within the limits</b>								
( Analyzed by ) Sr.Executive -QA					(Approved by ) HOD -QA			

**Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
and Environmental Clearance # J.11011/407/2006-IA.II(I) dated 04.04.2007  
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United Phosphorus Ltd., Unit # 1, Ankleshwar, Gujarat  
Period – July to December 2012**

<b>AMBIENT AIR MONITORING REPORT</b>							
<b>MONTH : OCT-2012</b>							
LIMITS -->		SPM 500 Microg/m <sup>3</sup>	AMMONIA 400 Microg/m <sup>3</sup>	CL2 100 Microg/m <sup>3</sup>	HCL 200 Microg/m <sup>3</sup>	NOX 80 Microg/m <sup>3</sup>	SO2 80 Microg/m <sup>3</sup>
LOCATION	DATE						
B/H BREQUATING PLANT	02.10.12	117	12	BDL	8	--	8
B/H BREQUATING PLANT	06.10.12	132	10	BDL	13	7	--
B/H BREQUATING PLANT	09.10.12	153	11	BDL	10	--	11
B/H BREQUATING PLANT	14.10.12	164	14	BDL	9	10	--
B/H BREQUATING PLANT	16.10.12	128	9	BDL	12	--	9
B/H BREQUATING PLANT	18.10.12	176	12	BDL	13	12	--
B/H BREQUATING PLANT	20.10.12	142	15	BDL	12	--	10
B/H BREQUATING PLANT	22.10.12	138	22	BDL	11	9	--
B/H BREQUATING PLANT	25.10.12	150	15	BDL	7	--	10
B/H BREQUATING PLANT	28.10.12	123	9	BDL	11	7	--
	<b>Maximum</b>	<b>176</b>	<b>22</b>	<b>BDL</b>	<b>13</b>	<b>12</b>	<b>11</b>
	<b>Minimum</b>	<b>117</b>	<b>9</b>	<b>BDL</b>	<b>7</b>	<b>7</b>	<b>8</b>
	<b>Average:</b>	<b>142</b>	<b>13</b>	<b>0</b>	<b>11</b>	<b>9</b>	<b>10</b>
	<b>%Deviation</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>
<b>All the parameters are within the limits</b>							
( Analyzed by ) Sr.Executive -QA				(Approved by ) HOD -QA			

**Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
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United Phosphorus Ltd., Unit # 1, Ankleshwar, Gujarat  
Period – July to December 2012**

<b>AMBIENT AIR MONITORING REPORT</b>									
<b>MONTH : NOV-2012</b>									
LIMITS -->		PM 2.5 60 Microg/m <sup>3</sup>	PM 10 100 Microg/m <sup>3</sup>	SPM 500 Microg/m <sup>3</sup>	AMMONIA 400 Microg/m <sup>3</sup>	CL2 100 Microg/m <sup>3</sup>	HCL 200 Microg/m <sup>3</sup>	NOX 80 Microg/m <sup>3</sup>	SO2 80 Microg/m <sup>3</sup>
LOCATION	DATE								
NEAR MAIN GATE	02.11.12		81	210	4	BDL	5	--	4
NEAR MAIN GATE	04.11.12	41	84	228	3	BDL	7	3	--
NEAR MAIN GATE	07.11.12		76	211	6	BDL	6	--	5
NEAR MAIN GATE	09.11.12	46	68	203	7	BDL	6	5	
NEAR MAIN GATE	11.11.12		79	225	5	BDL	5	--	3
NEAR MAIN GATE	17.11.12		90	236	5	BDL	6	4	
NEAR MAIN GATE	20.11.12	52	76	212	4	BDL	4	--	5
NEAR MAIN GATE	23.11.12		83	230	6	BDL	3	4	--
NEAR MAIN GATE	25.11.12	43	78	218	5	BDL	4	--	4
NEAR MAIN GATE	27.11.12		76	230	4	BDL	3	3	--
	<b>Maximum</b>	<b>52</b>	<b>90</b>	<b>236</b>	<b>7</b>	<b>BDL</b>	<b>7</b>	<b>5</b>	<b>5</b>
	<b>Minimum</b>	<b>41</b>	<b>68</b>	<b>203</b>	<b>3</b>	<b>BDL</b>	<b>3</b>	<b>3</b>	<b>3</b>
	<b>Average</b>	<b>46</b>	<b>79</b>	<b>220</b>	<b>5</b>	<b>BDL</b>	<b>5</b>	<b>4</b>	<b>4</b>
	<b>%Deviation</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>
<b>All the parameters are within the limits</b>									
( Analyzed by ) Sr.Executive -QA						(Approved by ) HOD -QA			

**Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
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United Phosphorus Ltd., Unit # 1, Ankleshwar, Gujarat  
Period – July to December 2012**

<b>AMBIENT AIR MONITORING REPORT</b>								
<b>MONTH : NOV-2012</b>								
LIMITS -->		PM 10 100 Microg/m <sup>3</sup>	SPM 500 Microg/m <sup>3</sup>	AMMONIA 400 Microg/m <sup>3</sup>	CL2 100 Microg/m <sup>3</sup>	HCL 200 Microg/m <sup>3</sup>	NOX 80 Microg/m <sup>3</sup>	SO2 80 Microg/m <sup>3</sup>
LOCATION	DATE							
B/H CACL2 PLANT	02.11.12	76	203	47	BDL	12	--	11
B/H CACL2 PLANT	04.11.12	68	223	56	BDL	15	9	--
B/H CACL2 PLANT	07.11.12	87	240	68	BDL	11	--	16
B/H CACL2 PLANT	09.11.12	81	221	64	BDL	17	12	--
B/H CACL2 PLANT	11.11.12	92	231	51	BDL	14	--	8
B/H CACL2 PLANT	17.11.12	79	205	46	BDL	10	10	--
B/H CACL2 PLANT	20.11.12	85	232	60	BDL	15	--	12
B/H CACL2 PLANT	23.11.12	77	198	54	BDL	9	14	--
B/H CACL2 PLANT	25.11.12	90	207	37	BDL	13	--	10
B/H CACL2 PLANT	27.11.12	83	239	43	BDL	11	8	--
	<b>Maximum</b>	<b>92</b>	<b>240</b>	<b>68</b>	<b>BDL</b>	<b>17</b>	<b>14</b>	<b>16</b>
	<b>Minimum</b>	<b>68</b>	<b>198</b>	<b>37</b>	<b>BDL</b>	<b>9</b>	<b>8</b>	<b>8</b>
	<b>Average</b>	<b>82</b>	<b>220</b>	<b>53</b>	<b>0</b>	<b>13</b>	<b>11</b>	<b>11</b>
	<b>%Deviation</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>
<b>All the parameters are within the limits</b>								
( Analyzed by ) Sr.Executive -QA					(Approved by ) HOD -QA			



**Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
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United Phosphorus Ltd., Unit # 1, Ankleshwar, Gujarat  
Period – July to December 2012**

<b>AMBIENT AIR MONITORING REPORT</b>							
<b>MONTH : NOV-2012</b>							
LIMITS -->		SPM 500 Microg/m <sup>3</sup>	AMMONIA 400 Microg/m <sup>3</sup>	CL2 100 Microg/m <sup>3</sup>	HCL 200 Microg/m <sup>3</sup>	NOX 80 Microg/m <sup>3</sup>	SO2 80 Microg/m <sup>3</sup>
LOCATION	DATE						
B/H BREQUATING PLANT	02.11.12	157	13	BDL	10	--	10
B/H BREQUATING PLANT	04.11.12	148	10	BDL	9	9	--
B/H BREQUATING PLANT	07.11.12	183	14	BDL	17	--	13
B/H BREQUATING PLANT	09.11.12	174	10	BDL	11	11	--
B/H BREQUATING PLANT	11.11.12	118	8	BDL	14	--	8
B/H BREQUATING PLANT	17.11.12	178	13	BDL	10	13	--
B/H BREQUATING PLANT	20.11.12	190	16	BDL	12	--	11
B/H BREQUATING PLANT	23.11.12	148	11	BDL	9	8	--
B/H BREQUATING PLANT	25.11.12	163	13	BDL	7	--	10
B/H BREQUATING PLANT	27.11.12	181	14	BDL	8	7	--
	<b>Maximum</b>	<b>190</b>	<b>16</b>	<b>BDL</b>	<b>17</b>	<b>13</b>	<b>13</b>
	<b>Minimum</b>	<b>118</b>	<b>8</b>	<b>BDL</b>	<b>7</b>	<b>7</b>	<b>8</b>
	<b>Average:</b>	<b>164</b>	<b>12</b>	<b>0</b>	<b>11</b>	<b>10</b>	<b>10</b>
	<b>%Deviation</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>
<b>All the parameters are within the limits</b>							
<b>( Analyzed by ) Sr.Executive -QA</b>				<b>(Approved by ) HOD -QA</b>			

**Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
and Environmental Clearance # J.11011/407/2006-IA.II(I) dated 04.04.2007  
issued by Ministry of Environment and Forests, New Delhi for expansion of pesticide unit by  
United Phosphorus Ltd., Unit # 1, Ankleshwar, Gujarat  
Period – July to December 2012**

<b>AMBIENT AIR MONITORING REPORT</b>									
<b>MONTH : DEC-2012</b>									
LIMITS -->		PM 2.5 60 Microg/m <sup>3</sup>	PM 10 100 Microg/m <sup>3</sup>	SPM 500 Microg/m <sup>3</sup>	AMMONIA 400 Microg/m <sup>3</sup>	CL2 100 Microg/m <sup>3</sup>	HCL 200 Microg/m <sup>3</sup>	NOX 80 Microg/m <sup>3</sup>	SO2 80 Microg/m <sup>3</sup>
LOCATION	DATE								
NEAR MAIN GATE	01.12.12	53	89	213	2	BDL	5	--	6
NEAR MAIN GATE	06.12.12		83	207	3	BDL	3	4	--
NEAR MAIN GATE	08.12.12		76	220	BDL	BDL	4	--	7
NEAR MAIN GATE	11.12.12	49	78	227	4	BDL	2	3	
NEAR MAIN GATE	15.12.12		90	245	BDL	BDL	3	--	4
NEAR MAIN GATE	19.12.12	51	83	262	3	BDL	4	5	
NEAR MAIN GATE	22.12.12		72	232	2	BDL	3	--	5
NEAR MAIN GATE	25.12.12	55	91	240	4	BDL	3	4	--
NEAR MAIN GATE	27.12.12		85	248	4	BDL	2	--	4
NEAR MAIN GATE	30.12.12		82	220	3	BDL	2	3	--
	<b>Maximum</b>	55	91	262	4	BDL	5	5	7
	<b>Minimum</b>	49	72	207	BDL	BDL	2	3	4
	<b>Average</b>	52	83	231	3	BDL	3	4	5
	<b>%Deviation</b>	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
<b>All the parameters are within the limits</b>									
<b>( Analyzed by ) Sr.Executive -QA</b>						<b>(Approved by ) HOD -QA</b>			

**Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
and Environmental Clearance # J.11011/407/2006-IA.II(I) dated 04.04.2007  
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United Phosphorus Ltd., Unit # 1, Ankleshwar, Gujarat  
Period – July to December 2012**

<b>AMBIENT AIR MONITORING REPORT</b>								
<b>MONTH : DEC-2012</b>								
LIMITS -->		PM 10 100 Microg/m <sup>3</sup>	SPM 500 Microg/m <sup>3</sup>	AMMONIA 400 Microg/m <sup>3</sup>	CL2 100 Microg/m <sup>3</sup>	HCL 200 Microg/m <sup>3</sup>	NOX 80 Microg/m <sup>3</sup>	SO2 80 Microg/m <sup>3</sup>
LOCATION	DATE							
B/H CACL2 PLANT	01.12.12	92	273	43	BDL	11	--	13
B/H CACL2 PLANT	06.12.12	80	227	29	BDL	7	6	--
B/H CACL2 PLANT	08.12.12	76	240	31	BDL	13	--	14
B/H CACL2 PLANT	11.12.12	95	235	37	BDL	9	9	--
B/H CACL2 PLANT	15.12.12	83	252	24	BDL	6	--	8
B/H CACL2 PLANT	19.12.12	86	241	42	BDL	8	11	--
B/H CACL2 PLANT	22.12.12	72	210	21	BDL	9	--	11
B/H CACL2 PLANT	25.12.12	92	207	31	BDL	13	8	--
B/H CACL2 PLANT	27.12.12	74	222	19	BDL	12	--	14
B/H CACL2 PLANT	30.12.12	79	230	30	BDL	9	8	--
	<b>Maximum</b>	<b>95</b>	<b>273</b>	<b>43</b>	<b>BDL</b>	<b>13</b>	<b>11</b>	<b>14</b>
	<b>Minimum</b>	<b>72</b>	<b>207</b>	<b>19</b>	<b>BDL</b>	<b>6</b>	<b>6</b>	<b>8</b>
	<b>Average</b>	<b>83</b>	<b>234</b>	<b>31</b>	<b>0</b>	<b>10</b>	<b>8</b>	<b>12</b>
	<b>%Deviation</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>
<b>All the parameters are within the limits</b>								
( Analyzed by ) Sr.Executive -QA					(Approved by ) HOD -QA			

**Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
and Environmental Clearance # J.11011/407/2006-IA.II(I) dated 04.04.2007  
issued by Ministry of Environment and Forests, New Delhi for expansion of pesticide unit by  
United Phosphorus Ltd., Unit # 1, Ankleshwar, Gujarat  
Period – July to December 2012**

<b>AMBIENT AIR MONITORING REPORT</b>							
<b>MONTH : DEC-2012</b>							
LIMITS -->		SPM 500 Microg/m <sup>3</sup>	AMMONIA 400 Microg/m <sup>3</sup>	CL2 100 Microg/m <sup>3</sup>	HCL 200 Microg/m <sup>3</sup>	NOX 80 Microg/m <sup>3</sup>	SO2 80 Microg/m <sup>3</sup>
LOCATION	DATE						
B/H BREQUATING PLANT	01.12.12	168	9	BDL	12	--	14
B/H BREQUATING PLANT	06.12.12	172	13	BDL	8	12	--
B/H BREQUATING PLANT	08.12.12	186	15	BDL	13	--	11
B/H BREQUATING PLANT	11.12.12	157	7	BDL	8	10	--
B/H BREQUATING PLANT	15.12.12	162	9	BDL	7	--	13
B/H BREQUATING PLANT	19.12.12	170	11	BDL	10	9	--
B/H BREQUATING PLANT	22.12.12	180	14	BDL	9	--	14
B/H BREQUATING PLANT	25.12.12	137	10	BDL	11	11	--
B/H BREQUATING PLANT	27.12.12	192	13	BDL	6	--	10
B/H BREQUATING PLANT	30.12.12	183	15	BDL	9	7	--
	<b>Maximum</b>	<b>192</b>	<b>15</b>	<b>BDL</b>	<b>13</b>	<b>12</b>	<b>14</b>
	<b>Minimum</b>	<b>137</b>	<b>7</b>	<b>BDL</b>	<b>6</b>	<b>7</b>	<b>10</b>
	<b>Average:</b>	<b>171</b>	<b>12</b>	<b>0</b>	<b>9</b>	<b>10</b>	<b>12</b>
	<b>%Deviation</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>
<b>All the parameters are within the limits</b>							
( Analyzed by ) Sr.Executive -QA				(Approved by ) HOD -QA			

**Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
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United Phosphorus Ltd., Unit # 1, Ankleshwar, Gujarat  
Period – July to December 2012**

**AMBIENT AIR ANALYSIS REPORT  
(BY MAHABAL ENVIRO ENGINEERS PVT. LTD)  
July to December 2012**

MONTH	LOCATION	DATE OF SAMPLING	RSPM 100 µg/m <sup>3</sup>	SOx 120 µg/m <sup>3</sup>	NOx 120 µg/m <sup>3</sup>	HCL 200 µg/m <sup>3</sup>	NH <sub>3</sub> 850 µg/m <sup>3</sup>	H.C. 160 µg/m <sup>3</sup>	CHLORINE 100 µg/m <sup>3</sup>	H <sub>2</sub> S 400 µg/m <sup>3</sup>	P <sub>2</sub> O <sub>5</sub> 30 µg/m <sup>3</sup>	CO 5000 µg/m <sup>3</sup>
July	Near TMP/Boiler area	13.07.2012	82.4	14.3	17.7	15.8	76.5	BDL	BDL	BDL	BDL	1015
August	Near TMP/Boiler area	11.08.2012	94.6	12.8	15.9	13.9	97.3	BDL	BDL	BDL	BDL	1145
September	Near TMP/Boiler area	22.09.2012	88.2	13.7	16.1	22.4	72.4	BDL	BDL	BDL	BDL	1031
October	Near TMP/Boiler area	08.10.2012	95.4	12.9	14.7	28.1	11.3	BDL	BDL	BDL	BDL	1160
November	Near TMP/Boiler area	09.11.2012	91.2	13.6	17.4	15.8	18.7	BDL	BDL	BDL	BDL	1260
December	Near TMP/Boiler area	27.12.2012	97.5	15.3	18.2	13.4	21.1	BDL	BDL	BDL	BDL	1260

**Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
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United Phosphorus Ltd., Unit # 1, Ankleshwar, Gujarat  
Period – July to December 2012**

**AMBIENT AIR POLLUTION MONITORING REPORT  
(MAHABAL ENVIROENGINEERS LIMITED)  
July to December 2012**

Sr. No.	LOCATION	MONTH	DATE OF SAMPLING	PARAMETER	RESULTS
1	AT MANCOZEB PLANT	July	13.07.2012	CS2	0.096 / 0.103 mg / m <sup>3</sup>
2	AT MANCOZEB PLANT	August	11.08.2012	CS2	0.109 / 0.173 mg / m <sup>3</sup>
3	AT MANCOZEB PLANT	September	22.09.2012	CS2	0.112 / 0.147 mg / m <sup>3</sup>
4	AT MANCOZEB PLANT	October	08.10.2012	CS2	0.102 / 0.127 mg / m <sup>3</sup>
5	AT MANCOZEB PLANT	November	16.11.2012	CS2	0.124 / 0.132 mg / m <sup>3</sup>
6	AT MANCOZEB PLANT	December	27.12.2012	CS2	0.104 / 0.096

Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
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United Phosphorus Ltd., Unit # 1, Ankleshwar, Gujarat  
Period – July to December 2012

TOXICITY FACTOR  
(OUR INTERNAL LAB ANALYSIS REPORTS)

**Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
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United Phosphorus Ltd., Unit # 1, Ankleshwar, Gujarat  
Period – July to December 2012**

<u>TOXICITY FACTOR</u>													MONTH: JUL- 2012
DATE OF EXP.	Parts of Dilution Water Tobe Added To one Part of Waste Water (by volume)	Ratio of Waste Water To test Water (by Volume)	Dilution Factor (T)	FISH TYPE	FISH NO.	ANALYSIS OF		FIISH AFTER HRS.				TOXICITY FACTOR Tf	
						FINAL	OUTLET	2 HRS	6 HRS	24 HRS	48 HRS		
						PH	COD PPM						
03.07.12	1	1:2	2	ZEBRA	5	7.52	96	5	5	5	5	Tf =2	
06.07.12	1	1:2	2	ZEBRA	5	7.80	64	5	5	5	5	Tf =2	
09.07.12	1	1:2	2	ZEBRA	5	7.58	64	5	5	5	5	Tf =2	
12.07.12	1	1:2	2	ZEBRA	5	7.20	88	5	5	5	5	Tf =2	
16.07.12	1	1:2	2	ZEBRA	5	7.50	80	5	5	5	5	Tf =2	
19.07.12	1	1:2	2	ZEBRA	5	7.68	52	5	5	5	5	Tf =2	
22.07.12	1	1:2	2	ZEBRA	5	7.69	40	5	5	5	5	Tf =2	
25.07.12	1	1:2	2	ZEBRA	5	7.29	40	5	5	5	5	Tf =2	
27.07.12	1	1:2	2	ZEBRA	5	7.34	56	5	5	5	5	Tf =2	
29.07.12	1	1:2	2	ZEBRA	5	7.00	64	5	5	5	5	Tf =2	
Remark : All parameter passes as per requirement.													
( Analyzed by ) Sr. Executive						(Approved by) HOD - QA							



**Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
and Environmental Clearance # J.11011/407/2006-IA.II(I) dated 04.04.2007  
issued by Ministry of Environment and Forests, New Delhi for expansion of pesticide unit by  
United Phosphorus Ltd., Unit # 1, Ankleshwar, Gujarat  
Period – July to December 2012**

<u>TOXICITY FACTOR</u>													MONTH: AUG-2012
DATE OF EXP.	Parts of Dilution Water Tobe Added To one Part of Waste Water (by volume)	Ratio of Waste Water To test Water (by Volume)	Dilution Factor (T)	FISH TYPE	FISH NO.	ANALYSIS OF		FIISH AFTER HRS.				TOXICITY FACTOR Tf	
						FINAL	OUTLET	2 HRS	6 HRS	24 HRS	48 HRS		
						PH	COD PPM						
02.08.12	1	1:2	2	ZEBRA	5	7.14	59	5	5	5	5	Tf =2	
05.08.12	1	1:2	2	ZEBRA	5	7.55	48	5	5	5	5	Tf =2	
08.08.12	1	1:2	2	ZEBRA	5	7.50	40	5	5	5	5	Tf =2	
11.08.12	1	1:2	2	ZEBRA	5	7.68	80	5	5	5	5	Tf =2	
14.08.12	1	1:2	2	ZEBRA	5	7.61	64	5	5	5	5	Tf =2	
17.08.12	1	1:2	2	ZEBRA	5	7.60	80	5	5	5	5	Tf =2	
20.08.12	1	1:2	2	ZEBRA	5	8.00	64	5	5	5	5	Tf =2	
22.08.12	1	1:2	2	ZEBRA	5	7.80	96	5	5	5	5	Tf =2	
26.08.12	1	1:2	2	ZEBRA	5	7.76	56	5	5	5	5	Tf =2	
29.08.12	1	1:2	2	ZEBRA	5	7.82	84	5	5	5	5	Tf =2	
Remark : All parameter passes as per requirement.													
( Analyzed by ) Sr. Executive						(Approved by) HOD - QA							

**Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
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United Phosphorus Ltd., Unit # 1, Ankleshwar, Gujarat  
Period – July to December 2012**

<u>TOXICITY FACTOR</u>													MONTH: SEP- 2012
DATE OF EXP.	Parts of Dilution Water Tobe Added To one Part of Waste Water (by volume)	Ratio of Waste Water To test Water (by Volume)	Dilution Factor (T)	FISH TYPE	FISH NO.	ANALYSIS OF		FIISH AFTER HRS.				TOXICITY FACTOR Tf	
						FINAL	OUTLET	2 HRS	6 HRS	24 HRS	48 HRS		
						PH	COD PPM						
02.09.12	1	1:2	2	ZEBRA	5	7.90	60	5	5	5	5	Tf =2	
05.09.12	1	1:2	2	ZEBRA	5	7.55	72	5	5	5	5	Tf =2	
07.09.12	1	1:2	2	ZEBRA	5	7.62	80	5	5	5	5	Tf =2	
10.09.12	1	1:2	2	ZEBRA	5	8.24	80	5	5	5	5	Tf =2	
13.09.12	1	1:2	2	ZEBRA	5	7.98	88	5	5	5	5	Tf =2	
15.09.12	1	1:2	2	ZEBRA	5	7.97	60	5	5	5	5	Tf =2	
18.09.12	1	1:2	2	ZEBRA	5	7.95	92	5	5	5	5	Tf =2	
21.09.12	1	1:2	2	ZEBRA	5	7.88	60	5	5	5	5	Tf =2	
25.09.12	1	1:2	2	ZEBRA	5	7.85	80	5	5	5	5	Tf =2	
28.09.12	1	1:2	2	ZEBRA	5	7.98	76	5	5	5	5	Tf =2	
Remark : All parameter passes as per requirement.													
( Analyzed by ) Sr. Executive						(Approved by) HOD - QA							

**Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
and Environmental Clearance # J.11011/407/2006-IA.II(I) dated 04.04.2007  
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United Phosphorus Ltd., Unit # 1, Ankleshwar, Gujarat  
Period – July to December 2012**

<u>TOXICITY FACTOR</u>													MONTH: OCT-2012
DATE OF EXP.	Parts of Dilution Water Tobe Added To one Part of Waste Water (by volume)	Ratio of Waste Water To test Water (by Volume)	Dilution Factor (T)	FISH TYPE	FISH NO.	ANALYSIS OF		FIISH AFTER HRS.				TOXICITY FACTOR Tf	
						FINAL	OUTLET	2 HRS	6 HRS	24 HRS	48 HRS		
						PH	COD PPM						
03.10.12	1	1:2	2	ZEBRA	5	7.80	72	5	5	5	5	Tf =2	
05.10.12	1	1:2	2	ZEBRA	5	8.00	60	5	5	5	5	Tf =2	
08.10.12	1	1:2	2	ZEBRA	5	7.59	88	5	5	5	5	Tf =2	
11.10.12	1	1:2	2	ZEBRA	5	8.37	80	5	5	5	5	Tf =2	
14.10.12	1	1:2	2	ZEBRA	5	8.00	88	5	5	5	5	Tf =2	
17.10.12	1	1:2	2	ZEBRA	5	7.89	64	5	5	5	5	Tf =2	
20.10.12	1	1:2	2	ZEBRA	5	7.90	92	5	5	5	5	Tf =2	
23.10.12	1	1:2	2	ZEBRA	5	7.67	60	5	5	5	5	Tf =2	
26.10.12	1	1:2	2	ZEBRA	5	7.80	44	5	5	5	5	Tf =2	
29.10.12	1	1:2	2	ZEBRA	5	7.80	48	5	5	5	5	Tf =2	
Remark : All parameter passes as per requirement.													
( Analyzed by ) Sr. Executive						(Approved by) HOD - QA							

**Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
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United Phosphorus Ltd., Unit # 1, Ankleshwar, Gujarat  
Period – July to December 2012**

<u>TOXICITY FACTOR</u>													MONTH: NOV- 2012
DATE OF EXP.	Parts of Dilution Water Tobe Added To one Part of Waste Water (by volume)	Ratio of Waste Water To test Water (by Volume)	Dilution Factor (T)	FISH TYPE	FISH NO.	ANALYSIS OF		FIISH AFTER HRS.				TOXICITY FACTOR Tf	
						FINAL	OUTLET	2 HRS	6 HRS	24 HRS	48 HRS		
						PH	COD PPM						
02.11.12	1	1:2	2	ZEBRA	5	7.76	96	5	5	5	5	Tf =2	
05.11.12	1	1:2	2	ZEBRA	5	7.90	88	5	5	5	5	Tf =2	
08.11.12	1	1:2	2	ZEBRA	5	7.52	64	5	5	5	5	Tf =2	
11.11.12	1	1:2	2	ZEBRA	5	8.20	80	5	5	5	5	Tf =2	
14.11.12	1	1:2	2	ZEBRA	5	7.80	88	5	5	5	5	Tf =2	
17.11.12	1	1:2	2	ZEBRA	5	7.70	48	5	5	5	5	Tf =2	
20.11.12	1	1:2	2	ZEBRA	5	7.28	68	5	5	5	5	Tf =2	
24.11.12	1	1:2	2	ZEBRA	5	7.90	44	5	5	5	5	Tf =2	
28.11.12	1	1:2	2	ZEBRA	5	7.50	60	5	5	5	5	Tf =2	
30.11.12	1	1:2	2	ZEBRA	5	7.80	48	5	5	5	5	Tf =2	
Remark : All parameter passes as per requirement.													
( Analyzed by ) Sr. Executive						(Approved by) HOD - QA							

**Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
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United Phosphorus Ltd., Unit # 1, Ankleshwar, Gujarat  
Period – July to December 2012**

<u>TOXICITY FACTOR</u>													MONTH: DEC- 2012
DATE OF EXP.	Parts of Dilution Water Tobe Added To one Part of Waste Water (by volume)	Ratio of Waste Water To test Water (by Volume)	Dilution Factor (T)	FISH TYPE	FISH NO.	ANALYSIS OF		FIISH AFTER HRS.				TOXICITY FACTOR Tf	
						FINAL	OUTLET	2 HRS	6 HRS	24 HRS	48 HRS		
						PH	COD PPM						
03.12.12	1	1:2	2	ZEBRA	5	7.98	88	5	5	5	5	Tf =2	
06.12.12	1	1:2	2	ZEBRA	5	8.02	60	5	5	5	5	Tf =2	
09.12.12	1	1:2	2	ZEBRA	5	7.80	36	5	5	5	5	Tf =2	
12.12.12	1	1:2	2	ZEBRA	5	7.60	64	5	5	5	5	Tf =2	
15.12.12	1	1:2	2	ZEBRA	5	7.95	76	5	5	5	5	Tf =2	
18.12.12	1	1:2	2	ZEBRA	5	8.00	76	5	5	5	5	Tf =2	
21.12.12	1	1:2	2	ZEBRA	5	8.00	60	5	5	5	5	Tf =2	
24.12.12	1	1:2	2	ZEBRA	5	8.00	64	5	5	5	5	Tf =2	
28.12.12	1	1:2	2	ZEBRA	5	7.94	88	5	5	5	5	Tf =2	
30.12.12	1	1:2	2	ZEBRA	5	8.10	72	5	5	5	5	Tf =2	
Remark : All parameter passes as per requirement.													
( Analyzed by ) Sr. Executive						(Approved by) HOD - QA							

**Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
and Environmental Clearance # J.11011/407/2006-IA.II(I) dated 04.04.2007  
issued by Ministry of Environment and Forests, New Delhi for expansion of pesticide unit by  
United Phosphorus Ltd., Unit # 1, Ankleshwar, Gujarat  
Period – July to December 2012**

**NOISE MONITORING REPORT  
(OUR INTERNAL LAB ANALYSIS REPORTS)**

Compliance Report for conditions in  
 Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
 and Environmental Clearance # J.11011/407/2006-IA.II(I) dated 04.04.2007  
 issued by Ministry of Environment and Forests, New Delhi for expansion of pesticide unit by  
 United Phosphorus Ltd., Unit # 1, Ankleshwar, Gujarat  
 Period – July to December 2012

<b>SOUND LEVEL MONITORING REPORT : ( AMBIENT)</b>		<b>JUL-2012</b>	
<b>SR.NO.</b>	<b>LOCATIONS OF MONITORING</b>	<b>SOUND LEVEL DAY TIME</b>	<b>SOUND LEVEL NIGHT TIME</b>
		Time : 6 AM to 10 PM Limit : 75 DBA	Time : 10 PM to 6 AM Limit : 70 DBA
		<b>Date : 25.07.12</b>	<b>Date : 23.07.12</b>
		<b>Time : 16.00 hrs</b>	<b>Time : 01.45 hrs</b>
1	MAIN GATE	62.9	46.9
2	WORK SHOP (ENGG.)	41.1	40.3
3	MANCOZEB SOLID	53.8	52.7
4	MANCOZEB LIQUID	62.1	61.5
5	ANTRACOL PLANT	67.4	65.8
6	ELECTRICAL DEPARTMENT	67.5	65.2
7	BOILER HOUSE	69.1	68.5
8	TMP PLANT	69.0	68.3
9	MCP PLANT	70.8	68.7
10	AMMONIA RECOVERY PLANT	70.6	69.1
11	CACL2 PLANT	67.5	65.8
12	ETP PLANT	66.2	64.9
13	Q.A.LAB	66.0	62.3
14	R&D LAB	71.1	50.3
Remarks : All Parameters passes as per requirements.			
	( Analyzed by ) (Sr.Executive)	(Approved by) (HOD -Q.A.)	

Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
and Environmental Clearance # J.11011/407/2006-IA.II(I) dated 04.04.2007  
issued by Ministry of Environment and Forests, New Delhi for expansion of pesticide unit by  
United Phosphorus Ltd., Unit # 1, Ankleshwar, Gujarat  
Period – July to December 2012

SOUND LEVEL MONITORING REPORT : ( AMBIENT)		AUG-2012	
SR.NO.	LOCATIONS OF MONITORING	SOUND LEVEL DAY TIME Time : 6 AM to 10 PM Limit : 75 DBA	SOUND LEVEL NIGHT TIME Time : 10 PM to 6 AM Limit : 70 DBA
		Date : 29.08.12	Date : 24.08.12
		Time : 11.30 hrs	Time : 00.45 hrs
1	MAIN GATE	65.40	43.20
2	WORK SHOP (ENGG.)	45.60	41.30
3	MANCOZEB SOLID	72.90	68.90
4	MANCOZEB LIQUID	65.40	63.10
5	ANTRACOL PLANT	72.90	69.20
6	ELECTRICAL DEPARTMENT	67.80	65.20
7	BOILER HOUSE	68.20	67.50
8	TMP PLANT	73.20	69.60
9	MCP PLANT	71.90	68.80
10	AMMONIA RECOVERY PLANT	72.00	69.20
11	CACL2 PLANT	69.10	67.20
12	ETP PLANT	71.30	68.70
13	Q.A.LAB	65.30	63.10
14	R&D LAB	72.90	69.10
Remarks : All Parameters passes as per requirements.			
	( Analyzed by ) (Sr.Executive)	(Approved by) (HOD -Q.A.)	



Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
and Environmental Clearance # J.11011/407/2006-IA.II(I) dated 04.04.2007  
issued by Ministry of Environment and Forests, New Delhi for expansion of pesticide unit by  
United Phosphorus Ltd., Unit # 1, Ankleshwar, Gujarat  
Period – July to December 2012

<b>SOUND LEVEL MONITORING REPORT : ( AMBIENT)</b>		<b>SEP-2012</b>	
<b>SR.NO.</b>	<b>LOCATIONS OF MONITORING</b>	<b>SOUND LEVEL DAY TIME</b>	<b>SOUND LEVEL NIGHT TIME</b>
		Time : 6 AM to 10 PM Limit : 75 DBA	Time : 10 PM to 6 AM Limit : 70 DBA
		<b>Date : 20.09.12</b>	<b>Date : 03.09.12</b>
		<b>Time : 12.15 hrs</b>	<b>Time : 01.30 hrs.</b>
1	MAIN GATE	63.30	45.10
2	WORK SHOP (ENGG.)	68.20	42.3
3	MANCOZEB SOLID	72.30	69.1
4	MANCOZEB LIQUID	64.80	62.5
5	ANTRACOL PLANT	72.10	69.3
6	ELECTRICAL DEPARTMENT	65.80	63.6
7	BOILER HOUSE	66.70	65.2
8	TMP PLANT	72.80	68.8
9	MCP PLANT	71.60	69.2
10	AMMONIA RECOVERY PLANT	71.70	68.4
11	CACL2 PLANT	66.70	64.3
12	ETP PLANT	70.90	68.1
13	Q.A.LAB	64.20	61.2
14	R&D LAB	67.30	65.4
Remarks : All Parameters passes as per requirements.			
	( Analyzed by ) (Sr.Executive)	(Approved by) (HOD -Q.A.)	

Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
and Environmental Clearance # J.11011/407/2006-IA.II(I) dated 04.04.2007  
issued by Ministry of Environment and Forests, New Delhi for expansion of pesticide unit by  
United Phosphorus Ltd., Unit # 1, Ankleshwar, Gujarat  
Period – July to December 2012

<b>SOUND LEVEL MONITORING REPORT : ( AMBIENT)</b>		<b>OCT-2012</b>	
<b>SR.NO.</b>	<b>LOCATIONS OF MONITORING</b>	<b>SOUND LEVEL DAY TIME</b>	<b>SOUND LEVEL NIGHT TIME</b>
		Time : 6 AM to 10 PM <b>Limit : 75 DBA</b>	Time : 10 PM to 6 AM <b>Limit : 70 DBA</b>
		<b>Date : 07.10.2012</b>	<b>Date : 03.10.12</b>
		<b>Time : 16.00 hrs</b>	<b>Time : 03.00 hrs.</b>
1	MAIN GATE	58.9	41.1
2	WORK SHOP (ENGG.)	49.2	39.7
3	MANCOZEB SOLID	69.5	67.2
4	MANCOZEB LIQUID	65.3	62.3
5	ANTRACOL PLANT	72.6	69.5
6	ELECTRICAL DEPARTMENT	67.9	66.3
7	BOILER HOUSE	69.5	67.2
8	TMP PLANT	71.1	68.2
9	MCP PLANT	72.1	69.3
10	AMMONIA RECOVERY PLANT	70.8	67.8
11	CACL2 PLANT	60.7	58.4
12	ETP PLANT	71.1	68.5
13	Q.A.LAB	61.5	60.4
14	R&D LAB	69.2	57.6
Remarks : All Parameters passes as per requirements.			
( Analyzed by ) (Sr.Executive)		(Approved by) (HOD -Q.A.)	

Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
and Environmental Clearance # J.11011/407/2006-IA.II(I) dated 04.04.2007  
issued by Ministry of Environment and Forests, New Delhi for expansion of pesticide unit by  
United Phosphorus Ltd., Unit # 1, Ankleshwar, Gujarat  
Period – July to December 2012

<b>SOUND LEVEL MONITORING REPORT : ( AMBIENT)</b>		<b>NOV-2012</b>	
<b>SR.NO.</b>	<b>LOCATIONS OF MONITORING  ( AMBIENT)</b>	<b>SOUND LEVEL DAY TIME</b>	<b>SOUND LEVEL NIGHT TIME</b>
		Time : 6 AM to 10 PM <b>Limit : 75 DBA</b>	Time : 10 PM to 6 AM <b>Limit : 70 DBA</b>
		<b>Date : 09.11.12</b> <b>Time : 11.00 hrs</b>	<b>Date : 03.11.12</b> <b>Time : 00.30 hrs.</b>
1	MAIN GATE	56.2	43.6
2	WORK SHOP (ENGG.)	55.8	40.8
3	MANCOZEB SOLID	70.2	68.3
4	MANCOZEB LIQUID	66.8	66.0
5	ANTRACOL PLANT	71.5	68.8
6	ELECTRICAL DEPARTMENT	66.7	62.4
7	BOILER HOUSE	70.3	68.8
8	TMP PLANT	70.8	69.0
9	MCP PLANT	71.9	69.3
10	AMMONIA RECOVERY PLANT	72.2	68.7
11	CACL2 PLANT	62.1	61.5
12	ETP PLANT	68.4	65.5
13	Q.A.LAB	60.1	55.6
14	R&D LAB	67.3	61.6
Remarks : All Parameters passes as per requirements.			
	( Analyzed by ) (Sr.Executive)	(Approved by) (HOD -Q.A.)	

Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
and Environmental Clearance # J.11011/407/2006-IA.II(I) dated 04.04.2007  
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United Phosphorus Ltd., Unit # 1, Ankleshwar, Gujarat  
Period – July to December 2012

<b>SOUND LEVEL MONITORING REPORT : ( AMBIENT)</b>		<b>DEC-2012</b>	
<b>SR.NO.</b>	<b>LOCATIONS OF MONITORING  ( AMBIENT)</b>	<b>SOUND LEVEL DAY TIME</b>	<b>SOUND LEVEL NIGHT TIME</b>
		Time : 6 AM to 10 PM	Time : 10 PM to 6 AM
		<b>Limit : 75 DBA</b>	<b>Limit : 70 DBA</b>
		<b>Date : 21.12.12</b>	<b>Date : 02.12.12</b>
		<b>Time : 14.30 hrs</b>	<b>Time : 11.30 hrs.</b>
1	MAIN GATE	49.80	41.3
2	WORK SHOP (ENGG.)	67.30	42.3
3	MANCOZEB SOLID	65.90	63.4
4	MANCOZEB LIQUID	69.40	67.5
5	ANTRACOL PLANT	72.10	69.5
6	ELECTRICAL DEPARTMENT	60.40	57.8
7	BOILER HOUSE	71.20	69.0
8	TMP PLANT	71.60	68.8
9	MCP PLANT	72.20	69.5
10	AMMONIA RECOVERY PLANT	71.60	68.9
11	CACL2 PLANT	70.90	65.8
12	ETP PLANT	69.80	68.8
13	Q.A.LAB	61.30	57.5
14	R&D LAB	64.80	58.3
Remarks : All Parameters passes as per requirements.			
	( Analyzed by ) (Sr.Executive)	(Approved by) (HOD -Q.A.)	

**Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
and Environmental Clearance # J.11011/407/2006-IA.II(I) dated 04.04.2007  
issued by Ministry of Environment and Forests, New Delhi for expansion of pesticide unit by  
United Phosphorus Ltd., Unit # 1, Ankleshwar, Gujarat  
Period – July to December 2012**

**FUGITIVE EMISSIONS REPORT  
(OUR INTERNAL LAB ANALYSIS REPORTS)**

**Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
and Environmental Clearance # J.11011/407/2006-IA.II(I) dated 04.04.2007  
issued by Ministry of Environment and Forests, New Delhi for expansion of pesticide unit by  
United Phosphorus Ltd., Unit # 1, Ankleshwar, Gujarat  
Period – July to December 2012**

<b>FUGITIVE EMISSIONS REPORT ( Form no:37)</b>				
				Date : 16.07.2012
MONTH :		JUL-2012	Time : 12.40 HRS	
SR. NO.	AREA IDENTIFICATION	CHLORINE TLV-0.5 PPM	CARBON DISULPHIDE TLV-10 PPM	AMMONIA TLV-25 PPM
<b>1</b>	<b>MCP Plant</b>			
A.	Near Chlorine Tonner Area	BDL	--	--
<b>2</b>	<b>NH3 Plant</b>			
A.	RVDF Gfloor Area	--	--	9.00
B.	High way side(Near boundry)	--	--	BDL
C.	Behind Cacl2 plant	--	--	3.00
<b>3</b>	<b>Mancozeb Plant</b>			
A.	During Cs2 Tanker unloading	--	1.00	--
B.	Near ST-702A	--	1.00	--
C.	Near D-14 Tank	--	BDL	--
D.	Near P-14 Tank	--	BDL	--
E.	Mancozeb Packing Area	--	BDL	--
F.	Mancozeb Storage Godown	--	BDL	--
Remark : All parameter passes as per requirement.				
	( Analyzed by )  (Sr.Executive)	(Approved by)  (HOD -Q.A.)		

**Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
and Environmental Clearance # J.11011/407/2006-IA.II(I) dated 04.04.2007  
issued by Ministry of Environment and Forests, New Delhi for expansion of pesticide unit by  
United Phosphorus Ltd., Unit # 1, Ankleshwar, Gujarat  
Period – July to December 2012**

<b><u>FUGITIVE EMISSIONS REPORT ( Form no:37)</u></b>				
			Date : 25.07.2012	
MONTH : JUL-2012		Time : 16.30 HRS		
SR. NO.	AREA IDENTIFICATION	CHLORINE TLV-0.5 PPM	CARBON DISULPHIDE TLV-10 PPM	AMMONIA TLV-25 PPM
<b>1</b>	<b>MCP Plant</b>			
A.	Near Chlorine Tonner Area	BDL	--	--
<b>2</b>	<b>NH3 Plant</b>			
A.	RVDF Gfloor Area	--	--	6.00
B.	High way side(Near boundry)	--	--	BDL
C.	Behind Cacl2 plant	--	--	2.00
<b>3</b>	<b>Mancozeb Plant</b>			
A.	During Cs2 Tanker unloading	--	BDL	--
B.	Near ST-702A	--	BDL	--
C.	Near D-14 Tank	--	BDL	--
D.	Near P-14 Tank	--	BDL	--
E.	Mancozeb Packing Area	--	BDL	--
F.	Mancozeb Storage Godown	--	BDL	--
Remark : All parameter passes as per requirement.				
	( Analyzed by )  (Sr.Executive)	(Approved by)  (HOD -Q.A.)		

**Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
and Environmental Clearance # J.11011/407/2006-IA.II(I) dated 04.04.2007  
issued by Ministry of Environment and Forests, New Delhi for expansion of pesticide unit by  
United Phosphorus Ltd., Unit # 1, Ankleshwar, Gujarat  
Period – July to December 2012**

<b><u>FUGITIVE EMISSIONS REPORT ( Form no:37)</u></b>				
			Date : 13.08.2012	
MONTH : AUG-2012		Time : 10.30 HRS		
SR. NO.	AREA IDENTIFICATION	CHLORINE TLV-0.5 PPM	CARBON DISULPHIDE TLV-10 PPM	AMMONIA TLV-25 PPM
<b>1</b>	<b>MCP Plant</b>			
A.	Near Chlorine Tonner Area	BDL	--	--
<b>2</b>	<b>NH3 Plant</b>			
A.	RVDF Gfloor Area	--	--	4.00
B.	High way side(Near boundry)	--	--	BDL
C.	Behind Cacl2 plant	--	--	1.00
<b>3</b>	<b>Mancozeb Plant</b>			
A.	During Cs2 Tanker unloading	--	BDL	--
B.	Near ST-702A	--	BDL	--
C.	Near D-14 Tank	--	BDL	--
D.	Near P-14 Tank	--	BDL	--
E.	Mancozeb Packing Area	--	BDL	--
F.	Mancozeb Storage Godown	--	BDL	--
Remark : All parameter passes as per requirement.				
	( Analyzed by )  (Sr.Executive)	(Approved by)  (HOD -Q.A.)		



**Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
and Environmental Clearance # J.11011/407/2006-IA.II(I) dated 04.04.2007  
issued by Ministry of Environment and Forests, New Delhi for expansion of pesticide unit by  
United Phosphorus Ltd., Unit # 1, Ankleshwar, Gujarat  
Period – July to December 2012**

<b><u>FUGITIVE EMISSIONS REPORT ( Form no:37)</u></b>				
			Date : 29.08.12	
MONTH : AUG-2012		Time : 11.00 HRS		
SR. NO.	AREA IDENTIFICATION	CHLORINE TLV-0.5 PPM	CARBON DISULPHIDE TLV-10 PPM	AMMONIA TLV-25 PPM
<b>1</b>	<b>MCP Plant</b>			
A.	Near Chlorine Tonner Area	BDL	--	--
<b>2</b>	<b>NH3 Plant</b>			
A.	RVDF Gfloor Area	--	--	3.00
B.	High way side(Near boundry)	--	--	BDL
C.	Behind Cacl2 plant	--	--	2.00
<b>3</b>	<b>Mancozeb Plant</b>			
A.	During Cs2 Tanker unloading	--	BDL	--
B.	Near ST-702A	--	BDL	--
C.	Near D-14 Tank	--	BDL	--
D.	Near P-14 Tank	--	BDL	--
E.	Mancozeb Packing Area	--	1.00	--
F.	Mancozeb Storage Godown	--	1.00	--
Remark : All parameter passes as per requirement.				
	( Analyzed by )  (Sr.Executive)	(Approved by)  (HOD -Q.A.)		

**Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
and Environmental Clearance # J.11011/407/2006-IA.II(I) dated 04.04.2007  
issued by Ministry of Environment and Forests, New Delhi for expansion of pesticide unit by  
United Phosphorus Ltd., Unit # 1, Ankleshwar, Gujarat  
Period – July to December 2012**

<b><u>FUGITIVE EMISSIONS REPORT ( Form no:37)</u></b>				
			Date : 20.09.2012	
MONTH : SEP-2012		Time : 12.30 HRS		
SR. NO.	AREA IDENTIFICATION	CHLORINE TLV-0.5 PPM	CARBON DISULPHIDE TLV-10 PPM	AMMONIA TLV-25 PPM
<b>1</b>	<b>MCP Plant</b>			
A.	Near Chlorine Tonner Area	BDL	--	--
<b>2</b>	<b>NH3 Plant</b>			
A.	RVDF Gfloor Area	--	--	3.00
B.	High way side(Near boundry)	--	--	BDL
C.	Behind Cacl2 plant	--	--	1.00
<b>3</b>	<b>Mancozeb Plant</b>			
A.	During Cs2 Tanker unloading	--	BDL	--
B.	Near ST-702A	--	BDL	--
C.	Near D-14 Tank	--	BDL	--
D.	Near P-14 Tank	--	BDL	--
E.	Mancozeb Packing Area	--	1.00	--
F.	Mancozeb Storage Godown	--	BDL	--
Remark : All parameter passes as per requirement.				
	( Analyzed by )  (Sr.Executive)	(Approved by)  (HOD -Q.A.)		

**Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
and Environmental Clearance # J.11011/407/2006-IA.II(I) dated 04.04.2007  
issued by Ministry of Environment and Forests, New Delhi for expansion of pesticide unit by  
United Phosphorus Ltd., Unit # 1, Ankleshwar, Gujarat  
Period – July to December 2012**

<b><u>FUGITIVE EMISSIONS REPORT ( Form no:37)</u></b>				
			Date : 28.09.2012	
MONTH : SEP-2012		Time : 10.00 HRS		
SR. NO.	AREA IDENTIFICATION	CHLORINE TLV-0.5 PPM	CARBON DISULPHIDE TLV-10 PPM	AMMONIA TLV-25 PPM
<b>1</b>	<b>MCP Plant</b>			
A.	Near Chlorine Tonner Area	BDL	--	--
<b>2</b>	<b>NH3 Plant</b>			
A.	RVDF Gfloor Area	--	--	5.00
B.	High way side(Near boundry)	--	--	BDL
C.	Behind Cacl2 plant	--	--	2.00
<b>3</b>	<b>Mancozeb Plant</b>			
A.	During Cs2 Tanker unloading	--	BDL	--
B.	Near ST-702A	--	BDL	--
C.	Near D-14 Tank	--	BDL	--
D.	Near P-14 Tank	--	BDL	--
E.	Mancozeb Packing Area	--	2.00	--
F.	Mancozeb Storage Godown	--	1.00	--
Remark : All parameter passes as per requirement.				
	( Analyzed by )  (Sr.Executive)	(Approved by)  (HOD -Q.A.)		

**Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
and Environmental Clearance # J.11011/407/2006-IA.II(I) dated 04.04.2007  
issued by Ministry of Environment and Forests, New Delhi for expansion of pesticide unit by  
United Phosphorus Ltd., Unit # 1, Ankleshwar, Gujarat  
Period – July to December 2012**

<b><u>FUGITIVE EMISSIONS REPORT ( Form no:37)</u></b>				
			Date : 07.10.2012	
MONTH : OCT-2012		Time : 15.30 HRS		
SR. NO.	AREA IDENTIFICATION	CHLORINE TLV-0.5 PPM	CARBON DISULPHIDE TLV-10 PPM	AMMONIA TLV-25 PPM
<b>1</b>	<b>MCP Plant</b>			
A.	Near Chlorine Tonner Area	BDL	--	--
<b>2</b>	<b>NH3 Plant</b>			
A.	RVDF Gfloor Area	--	--	7.00
B.	High way side(Near boundry)	--	--	BDL
C.	Behind Cacl2 plant	--	--	3.00
<b>3</b>	<b>Mancozeb Plant</b>			
A.	During Cs2 Tanker unloading	--	BDL	--
B.	Near ST-702A	--	BDL	--
C.	Near D-14 Tank	--	BDL	--
D.	Near P-14 Tank	--	BDL	--
E.	Mancozeb Packing Area	--	2.00	--
F.	Mancozeb Storage Godown	--	BDL	--
Remark : All parameter passes as per requirement.				
	( Analyzed by )  (Sr.Executive)	(Approved by)  (HOD -Q.A.)		

**Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
and Environmental Clearance # J.11011/407/2006-IA.II(I) dated 04.04.2007  
issued by Ministry of Environment and Forests, New Delhi for expansion of pesticide unit by  
United Phosphorus Ltd., Unit # 1, Ankleshwar, Gujarat  
Period – July to December 2012**

<b><u>FUGITIVE EMISSIONS REPORT ( Form no:37)</u></b>				
			Date : 25.10.2012	
MONTH : OCT-2012		Time : 15.00 HRS		
SR. NO.	AREA IDENTIFICATION	CHLORINE TLV-0.5 PPM	CARBON DISULPHIDE TLV-10 PPM	AMMONIA TLV-25 PPM
<b>1</b>	<b>MCP Plant</b>			
A.	Near Chlorine Tonner Area	BDL	--	--
<b>2</b>	<b>NH3 Plant</b>			
A.	RVDF Gfloor Area	--	--	6.00
B.	High way side(Near boundry)	--	--	BDL
C.	Behind Cacl2 plant	--	--	3.00
<b>3</b>	<b>Mancozeb Plant</b>			
A.	During Cs2 Tanker unloading	--	BDL	--
B.	Near ST-702A	--	1.00	--
C.	Near D-14 Tank	--	BDL	--
D.	Near P-14 Tank	--	BDL	--
E.	Mancozeb Packing Area	--	2.00	--
F.	Mancozeb Storage Godown	--	1.00	--
Remark : All parameter passes as per requirement.				
	( Analyzed by )  (Sr.Executive)	(Approved by)  (HOD -Q.A.)		

**Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
and Environmental Clearance # J.11011/407/2006-IA.II(I) dated 04.04.2007  
issued by Ministry of Environment and Forests, New Delhi for expansion of pesticide unit by  
United Phosphorus Ltd., Unit # 1, Ankleshwar, Gujarat  
Period – July to December 2012**

<b><u>FUGITIVE EMISSIONS REPORT ( Form no:37)</u></b>				
			Date : 08.11.2012	
MONTH : NOV-2012		Time : 11.30 HRS		
SR. NO.	AREA IDENTIFICATION	CHLORINE TLV-0.5 PPM	CARBON DISULPHIDE TLV-10 PPM	AMMONIA TLV-25 PPM
<b>1</b>	<b>MCP Plant</b>			
A.	Near Chlorine Tonner Area	BDL	--	--
<b>2</b>	<b>NH3 Plant</b>			
A.	RVDF Gfloor Area	--	--	4.00
B.	High way side(Near boundry)	--	--	BDL
C.	Behind Cacl2 plant	--	--	2.00
<b>3</b>	<b>Mancozeb Plant</b>			
A.	During Cs2 Tanker unloading	--	BDL	--
B.	Near ST-702A	--	BDL	--
C.	Near D-14 Tank	--	BDL	--
D.	Near P-14 Tank	--	BDL	--
E.	Mancozeb Packing Area	--	2.00	--
F.	Mancozeb Storage Godown	--	BDL	--
Remark : All parameter passes as per requirement.				
	( Analyzed by )  (Sr.Executive)	(Approved by)  (HOD -Q.A.)		

**Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
and Environmental Clearance # J.11011/407/2006-IA.II(I) dated 04.04.2007  
issued by Ministry of Environment and Forests, New Delhi for expansion of pesticide unit by  
United Phosphorus Ltd., Unit # 1, Ankleshwar, Gujarat  
Period – July to December 2012**

<b><u>FUGITIVE EMISSIONS REPORT ( Form no:37)</u></b>				
			Date : 21.11.2012	
MONTH : NOV-2012		Time : 14.30 HRS		
SR. NO.	AREA IDENTIFICATION	CHLORINE TLV-0.5 PPM	CARBON DISULPHIDE TLV-10 PPM	AMMONIA TLV-25 PPM
<b>1</b>	<b>MCP Plant</b>			
A.	Near Chlorine Tonner Area	BDL	--	--
<b>2</b>	<b>NH3 Plant</b>			
A.	RVDF Gfloor Area	--	--	5.00
B.	High way side(Near boundry)	--	--	BDL
C.	Behind Cacl2 plant	--	--	3.00
<b>3</b>	<b>Mancozeb Plant</b>			
A.	During Cs2 Tanker unloading	--	BDL	--
B.	Near ST-702A	--	BDL	--
C.	Near D-14 Tank	--	BDL	--
D.	Near P-14 Tank	--	BDL	--
E.	Mancozeb Packing Area	--	1.00	--
F.	Mancozeb Storage Godown	--	BDL	--
Remark : All parameter passes as per requirement.				
	( Analyzed by )  (Sr.Executive)	(Approved by)  (HOD -Q.A.)		

**Compliance Report for conditions in  
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<b><u>FUGITIVE EMISSIONS REPORT ( Form no:37)</u></b>				
			Date : 09.12.12	
MONTH : DEC-2012		Time : 16.30 HRS		
SR. NO.	AREA IDENTIFICATION	CHLORINE TLV-0.5 PPM	CARBON DISULPHIDE TLV-10 PPM	AMMONIA TLV-25 PPM
<b>1</b>	<b>MCP Plant</b>			
A.	Near Chlorine Tonner Area	BDL	--	--
<b>2</b>	<b>NH3 Plant</b>			
A.	RVDF Gfloor Area	--	--	2.00
B.	High way side(Near boundry)	--	--	BDL
C.	Behind Cacl2 plant	--	--	BDL
<b>3</b>	<b>Mancozeb Plant</b>			
A.	During Cs2 Tanker unloading	--	BDL	--
B.	Near ST-702A	--	BDL	--
C.	Near D-14 Tank	--	BDL	--
D.	Near P-14 Tank	--	BDL	--
E.	Mancozeb Packing Area	--	2.00	--
F.	Mancozeb Storage Godown	--	1.00	--
Remark : All parameter passes as per requirement.				
	( Analyzed by )  (Sr.Executive)	(Approved by)  (HOD -Q.A.)		



**Compliance Report for conditions in  
Environmental Clearance # J.11011/117/2002-IA.II dated 17.07.2003  
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Period – July to December 2012**

<b><u>FUGITIVE EMISSIONS REPORT ( Form no:37)</u></b>				
			Date : 21.12.2012	
MONTH : DEC-2012		Time : 14.30 HRS		
SR. NO.	AREA IDENTIFICATION	CHLORINE TLV-0.5 PPM	CARBON DISULPHIDE TLV-10 PPM	AMMONIA TLV-25 PPM
<b>1</b>	<b>MCP Plant</b>			
A.	Near Chlorine Tonner Area	BDL	--	--
<b>2</b>	<b>NH3 Plant</b>			
A.	RVDF Gfloor Area	--	--	1.00
B.	High way side(Near boundry)	--	--	BDL
C.	Behind Cacl2 plant	--	--	BDL
<b>3</b>	<b>Mancozeb Plant</b>			
A.	During Cs2 Tanker unloading	--	BDL	--
B.	Near ST-702A	--	BDL	--
C.	Near D-14 Tank	--	BDL	--
D.	Near P-14 Tank	--	BDL	--
E.	Mancozeb Packing Area	--	1.00	--
F.	Mancozeb Storage Godown	--	BDL	--
Remark : All parameter passes as per requirement.				
	( Analyzed by )  (Sr.Executive)	(Approved by)  (HOD -Q.A.)		

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Period – July to December 2012**

**VOC Monitoring data**

Sub:	Total VOC monitoring analysis data.
Date of Monitoring	<b>27.08.2012</b>
Time	<b>12.00 to 13.30 hrs</b>
Location	Different Plant & Locaton at UPL-1
Instrument used	On line digital VOC monitoring Instrument of BEIL
Instrument operation	Operated by Mr. Nitin (BEIL) / H.J.Patel (Q.A)

Sr.no.	Location	Parameter	Findings
1	TMP Plant - Drum Filling Area	Total VOC	3 ppb
2	TMP Plant - Ground Floor area	Total VOC	2 ppb
3	TMP Plant - Near Solvent storage tank	Total VOC	2 ppb
4	MCP Plant - Entrance, Near Drum filling area	Total VOC	2 ppb
5	MCP Plant - Ground floor , Centre	Total VOC	2 ppb
6	MCP Plant - First floor , Centre	Total VOC	1 ppb
7	ETP Plant - Near Aer-2 & Aer-3 area	Total VOC	1 ppb
8	ETP Plant - Haz.Drum storage area	Total VOC	1 ppb
9	Pilot plant - Ground floor area, center	Total VOC	1 ppb
10	Pilot plant - First floor area, center	Total VOC	BDL
11	Pilot plant - Second floor area, Center	Total VOC	BDL
12	Finished goods ware house (Inside center)	Total VOC	BDL
13	Drum storage area- Opposite FG godown, near parking	Total VOC	BDL
14	Raw material Drum storage area - Pond site	Total VOC	1 ppb
15	Non Moving drum storage area- Pond no.7	Total VOC	1 ppb
16	On Road Between Pilpt plant, Antracol & Electrical	Total VOC	BDL
17	Drum storage area- Behind MECL plant	Total VOC	2 ppb
18	Q.A.Lab ( Ground floor, center)	Total VOC	BDL
19	Q.A.Lab ( First floor, Sample preparation area )	Total VOC	4 ppb
20	R & D Lab ( Ground floor)	Total VOC	BDL
21	Maxpro lab ( First floor of R&D lab)	Total VOC	4 ppb

Analyzed by:

Approved by :

**Compliance Report for conditions in  
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Period – July to December 2012**

**PRODUCTION DETAILS**

MONTH	Production (MT)											
	Monocrotophos	Tri Methyl Phosphite	Mancozeb	Antracoal	DDVP	Tri Ethyl Phosphite	Phosphamidon	Cartap	Penoxaline	IK (Flonicamide)	SF10 (Sulfosulfuran)	Fen 04
Jul. 2012	461.380	1045.120	1.150	217.000	298.500	0.000	0.000	0.000	0.000	14.364	0.000	0.000
Aug. 2012	53.130	623.000	26.400	338.080	154.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Sep. 2012	30.590	355.850	0.000	231.000	230.250	0.000	0.000	0.000	0.000	0.000	13.090	0.000
Oct. 2012	262.430	418.420	0.000	231.000	161.680	0.000	0.000	0.000	0.000	14.433	5.110	15.605
Nov. 2012	0.000	458.870	1.580	224.000	92.000	0.000	0.000	0.000	0.000	38.640	5.320	0.000
Dec. 2012	20.184	450.59	0.910	199.500	95.750	0.000	0.000	0.000	0.000	42.330	1.290	0
<b>TOTAL</b>	<b>827.714</b>	<b>3,351.850</b>	<b>30.040</b>	<b>1440.580</b>	<b>1032.180</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>109.767</b>	<b>24.810</b>	<b>15.605</b>
<b>Average (MTM)</b>	<b>137.952</b>	<b>558.64</b>	<b>5.007</b>	<b>240.097</b>	<b>172.030</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>18.295</b>	<b>4.135</b>	<b>2.601</b>

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 Period – July to December 2012

DETAILS OF WATER CONSUMPTION/ WASTE WATER DISPOSAL  
(INDUSTRIAL + DOMESTIC)

MONTH	WATER CONSUMPTION	TREATED EFFLUENT DISCHARGE QUANTITY TO FETP, NCTL
KL/MONTH		
<b>Jul. 2012</b>	26376.00	7435.83
<b>Aug. 2012</b>	15191.00	7085.1
<b>Sep. 2012</b>	20898.00	6802.2
<b>Oct. 2012</b>	22816.00	8130.33
<b>Nov. 2012</b>	22300.00	6292.96
<b>Dec. 2012</b>	14979.00	6951.52
<b>TOTAL</b>	122560	42697.94
<b>KL/DAY</b>	673	235

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DETAILS OF TREATMENT FOR HIGH TDS EFFLUENT WASTE WATER IN  
 EVAPORATION SYSTEM AND PERMEATE GENERATION FROM WATER RECYCLING  
 SYSTEM (RO)

<b>MONTH</b>	<b>FORCED EVAPORATION SYSTEM: High TDS (NaCl) from Plants and from RO system in KL  (Feed Qty)</b>	<b>REUSABLE PERMEATE GENERATED  (RO Plant) –KL</b>
<b>Jul. 2012</b>	<b>1067</b>	<b>133.58</b>
<b>Aug. 2012</b>	<b>497.7</b>	<b>114.61</b>
<b>Sep. 2012</b>	<b>422.81</b>	<b>0</b>
<b>Oct. 2012</b>	<b>1099</b>	<b>105.68</b>
<b>Nov. 2012</b>	<b>1048</b>	<b>100.79</b>
<b>Dec. 2012</b>	<b>1090.33</b>	<b>95.16</b>
<b>TOTAL</b>	<b>5224.84</b>	<b>549.82</b>

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**DETAILS OF INCINERABLE WASTE - MT**

MONTH	OPENING STOCK (MT)	GENERATION		CONTAMINATED PLASTIC & OTHER WASTE	DISPOSAL (Total Sent to BEIL)	CLOSING STOCK
		ORGANIC	AQUEOUS			
<b>Jul. 2012</b>	4.98	24.98	6.85	5.72	37.55	4.98
<b>Aug. 2012</b>	4.98	16.48	29.92	3.05	49.45	4.98
<b>Sep. 2012</b>	4.98	0	50.39	1.48	51.87	4.98
<b>Oct. 2012</b>	4.98	29.59	115.74	31.2	176.53	4.98
<b>Nov. 2012</b>	4.98	28.09	118.87	0.71	147.7	4.98
<b>Dec. 2012</b>	4.98	11.24	138.95	0	150.19	4.98

**HAZARDOUS WASTE TO LANDFILL DETAILS**

MONTH	OPENING STOCK	GENERATION			SOLID DISPOSAL TO BEIL (ETP SLUDGE + SALT)*	CLOSING STOCK
		ETP	SALT	TOTAL (ETP SLUDGE+ SALT)		
<b>ALL FIGURES IN MT</b>						
Jul. 2012	5.19	29.08	133.58	162.66	162.66	5.19
Aug. 2012	5.19	17	114.61	131.61	131.37	5.43
Sep. 2012	5.43	12	0	12	13.48	3.95
Oct. 2012	3.95	11.47	105.68	117.15	120.79	0.31
Nov. 2012	0.31	23.51	100.79	124.3	124.3	0.31
Dec. 2012	0.31	13.81	95.16	108.97	108.97	0.31

<b>TOTAL LANDFILL WASTE DETAILS –MT</b>				
MONTH	(ETP SLUDGE + SALT)*	DCP SLUDGE**	NON-RECYCLABLE PLASTIC WASTE/INSULATION WASTE	TOTAL
Jul. 2012	162.66	72.03	5.3	239.99
Aug. 2012	131.37	8.86	11.76	151.99
Sep. 2012	13.48	0	9.26	22.74
Oct. 2012	120.79	0	11.91	132.7
Nov. 2012	124.3	53.49	8.36	186.15
Dec. 2012	108.97	31.53	15.9	156.4

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DETAILS OF DCP SLUDGE (BY-PRODUCT / SOLD AS SOIL CONDITIONER)					
MONTH	OPENING STOCK (MT)	GENERATION (MT)	DISPATCH (MT)		CLOSING STOCK (MT)
			PARTY*	BEIL**	
<b>Jul. 2012</b>	73.726	308.86	55.83	72.03	254.726
<b>Aug. 2012</b>	254.726	195	0	8.86	440.866
<b>Sep. 2012</b>	440.866	210	0	0	650.866
<b>Oct. 2012</b>	650.866	400	0	0	1050.866
<b>Nov. 2012</b>	1050.866	600	349.7	53.49	1247.676
<b>Dec. 2012</b>	1247.676	550	1714.47	31.34	51.866

(\*) Sold as Soil Conditioner to end user M/S U S Fertilizer (Dhan Varsha Fertilizer), Behind High School, At post Poicha, Vaya Nandesari Chokadi, Dist : Vadodara, Gujarat

(2) *Ambic Organic ,Plot No 17,Nalia Kharkhana compound,Dhulia Charrasta ,At and post Isorli,  
Ta : Bardoli,Dist –Surat, Gujarat*



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**Annexure-1:**

*Consent to Operate (CC&A) vide GPCB letter # GPCB/BRCH/CCA/158(8)/ID-15833/121755 dated 21.08.2012. Copy attached at Annexure # 01*

Sr. No.	Products Details	
	Proposed Products	Capacity, (MT/M)
1	Mancozeb	650
	OR	OR
	Antracol	650
	OR	OR
	Maneb	650
	OR	OR
	Zineb	650
2	Ziram (combined capacity)	OR 650
	Monocrotophos	760
2	Dichlorovos (DDVP) (combined)	OR 760
	Flonicamide (IK)	50
4	Tebuconazole	60
	OR	OR
	Fen 04	60
	OR	OR
	Sulfosulfuran (Combined capacity)	60
<b>TOTAL</b>		<b>1520</b>
5	<b>Tri Methyl Phosphite /Tri Ethyl Phosphite</b>	<b>1120/1000</b>
1	Fused/Anhydrous Calcium Chloride	1800
2	Di- Calcium phosphate sludge	600
3	An hydrous Ammonia	425
4	30% Calcium Chloride	5000
5	Methyl Chloride	175
6	Ammonium Chloride	873
7	Hydrated sodium Sulphate(Na <sub>2</sub> SO <sub>4</sub> ,H <sub>2</sub> O)	737
8	30% HCL	138
9	Sodium Sulphite liquid (Na <sub>2</sub> SO <sub>3</sub> )	NIL

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<b>Sr. No.</b>	<b>Products Details</b>	
	<b>Proposed Products</b>	<b>Capacity, (MT/M)</b>
<b>10</b>	Sodium Bromide Liquid	NIL
<b>11</b>	Sodium Sulphate(100%)	31
<b>12</b>	Ethanol	11.5
<b>13</b>	NaSH	3.5
<b>14</b>	Sodium Bi Sulphite	9
<b>15</b>	MeOH	11

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