सत्यमेव जयते

**Government of India**
**Ministry of Environment, Forest and Climate Change**

Date: **26/09/2024**

ACKNOWLEDGEMENT

This is to acknowledge that SHRI TULSI PHOSPAHTE LIMITED has provided the information on PARIVESH Portal in respect of No change in production capacity and No increase in pollution load for the project proposal M/s Shri Tulsi Phosphate Limited in the format attached herewith under the provisions of para 7(ii) c of EIA Notification and its subsequent amendment S.O.980-(E), dated 2nd March 2021.

To claim exemption from obtaining prior Environment Clearance in respect of the provisions mentioned in para 7(ii)c of EIA notification 2006 and its subsequent amendment S.O.980-(E), dated 2nd March 2021, project proponent / SPCB or UTPCC shall follow the following process:

1.The project proponent shall inform the SPCB or UTPCC, as the case may be, in specified format along with:

(i) 'no increase in pollution load' certificate from the Environmental Auditor or reputed institutions empanelled by the SPCB or UTPCC or CPCB or Ministry;
(ii) last Consent to Operate certificate for the project or activity; and
(iii) online system generated acknowledgement of uploading of intimation and 'no increase in pollution load' certificate on PARIVESH Portal;

2.Based on the submission of above information, the project proponent may carry on the proposed activity as per the submitted details. However, if on verification the SPCB or UTPCC, as the case may be, holds that the change in configuration of plant or activity from environmental conditions will result or has resulted in change of production capacity and / or increase in pollution load, the exemption claimed under this clause shall not be valid and it shall be deemed that the project proponent was liable to obtain Prior Environmental Clearance before under taking such changes or increase, as per the clause (a) of sub-paragraph (ii) of paragraph 7 of EIA Notification, 2006 and the provisions of Environment (Protection) Act, 1986 shall apply accordingly.

**Encl:**Attached the Information provided by the project proponent.

CAFForm 10

Application for No Increase in Pollution Load - Form-10

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## Basic Details

| | |
|---|---|
| **1.** Whether Project /Activity accorded prior EC? | Yes |
| **1.1.** Proposal No. | 71891 |
| **1.2.** Name of Project | SHRI TULSI PHOSPHATE LIMITED |
| **1.3.** Whether the Project Activity attracts the provisions under | 7(ii) (c) |
| **1.3.1.** Category | B1 |
| **1.3.2.** Whether project involves change in production capacity and increase in pollution load | No |
| **1.3.3.** Whether multiple items (Components) as per the notification involved in the proposal? | No |

| | | |
|---|---|---|
| **1.3.3.1.** Item No. as per schedule to EIA Notification, 2006 for Major Activity | 5(a) Chemical fertilizers | All Single Super Phosphate without H2SO4 production |
| **1.3.3.2.** Capacity | 100000 | TPA |

| | |
|---|---|
| **2.** Whether the project proposed to be located in the Notified industrial area? | Yes |

| | |
|---|---|
| **2.1.** Type of Industrial Area | industrial_area |
| **2.2.** Name of the Notified Industrial Area | BIRKONI INDUSTRIAL AREA |
| **2.3.** Whether the Industrial Area notified? | Before 14th September, 2006 |
| **2.3.1.** Notification copy of Industrial area in PDF | birkoni industrial area_compressed.pdf Preview |
| **2.4.** Whether Prior Environmental Clearance available for Notified Industrial Area? | No |

### 3. Details of Consent under Air (P&CP) Act, 1981 & Water (P&CP) Act, 1974

| Consent No/Application No | Date | Valid Up to | Copy of Consent order |
|---|---|---|---|
| 4813 /TS/CECB/2024 | 05/09/2024 | 04/09/2025 | cto tulsi -ssp.pdf Preview |

### 4. Details of Authorization under Hazardous & Other Waste Management Rules, 2016 and subsequent amendment

| Authorization No./ Application No | Date | Valid Up to | Copy of Authorization order |
|---|---|---|---|
| 4813 /TS/CECB/2024 | 05/09/2024 | 04/09/2025 | cto tulsi -ssp.pdf Preview |

## Product Details

### 1. Details of products & by-products including changes in product mix

| List of products/by-products permitted under EC / CTO with CAS Number | Quantity permitted under EC / CTO | Unit | List of products/by- products proposed under clause 7(ii)(b) with CAS Number | Quantity proposed under clause 7(ii)(b) | Unit | Remarks if any |
|---|---|---|---|---|---|---|
| SINGLE SUPER PHOSPHATE (SSP) CAS NO-7778-18-9 51, TRIPLE SUPER PHOSPHATE (TSP) CAS NO -65996-95-4 | 100000 | TPA | SINGLE SUPER PHOSPHATE (P&G) CAS NO-7778-18-9 51 -(15000)TPA, ZINCATED SSP (P&G) - (30,000) TPA, BORONATED SSP (P&G) -(10,000) TPA CAS NO. -13308-51-5, UREA SUPER PHOSPHATE (G)-(25,000)TPA CAS NO.-4861-19-2, Zn+BORON SSP (G)-(15,000 TPA), Zn+BO+Mg SSP (G)-(5,000 TPA) | 100000 | TPA | EC and CTO has been Obtained for SSP/TSP, quantity - 100000 TPA, applied for change in product mix with same capacity and new products will be SSP (P&G), Zincated SSP (P&G), Boronated SSP (P&G), Urea Super Phosphate (G), Zn+Boron SSP (G), ZN+BO+Mg SSP (G). capacity of all products will be same as EC Capacity i.e. 100000 TPA |

## 2. Details of Raw materials including water consumption and fuel consumption including changes in the raw material mix

| List of raw materials envisaged under EC / CTO with CAS Number | Quantity permitted under EC/CTO | Unit | List of raw materials proposed under clause 7(ii)(b) | Quantity proposed under clause 7(ii)(b) | Unit | Remarks if any |
|---|---|---|---|---|---|---|
| Sulphuric Acid (98%) 7664-93-9 | 41100 | TPA | Sulphuric Acid (98%) 7664-93-9 | 0.00 | TPA | |
| Boran Penta Oxide 1303-86-2 | 0.00 | TPA | Boran Penta Oxide 1303-86-2 | 33.00 | TPA | |
| Zinc Sulphate 7733-02-0 | 0.00 | TPA | Zinc Sulphate 7733-02-0 | 78.00 | TPA | |
| Rock Phosphate 7601-54-9/10101-89-0 | 59000 | TPA | Rock Phosphate 7601-54-9/10101-89-0 | 0.00 | TPA | |
| Urea (Technical Grade) 57-13-6 | 0.00 | TPA | Urea (Technical Grade) 57-13-6 | 271.00 | TPA | |
| Magnesium Oxide 1309-48-4 | 0.00 | TPA | Magnesium Oxide 1309-48-4 | 37.5 | TPA | |

| | |
|---|---|
| **2.1.**<br>Approval for additional water consumption if applicable | No |

## 3. Details of Effluent Generation

### 3.1. Quantity

| Propose | Quantity of existing effluent generati on in KLD (as per EC/CTO) | Quantity of effluent generation after the proposed change in product or raw material mix in KLD | Mode of Disposal Ultimate Receiving Body |
|---|---|---|---|
| Process + APCM | 17 | 0.00 | recycle |
| Other | 12.00 | 0.00 | 12 KLD water is required for scrubber. |
| Boiler | 5 | 0.00 | recycle |
| Other | 8.00 | 0.00 | stp water |
| Domestic | 10.00 | 0.00 | plantation after stp |

### 3.2. Quality

| Composition as per the EC/CTO | Concentration as per EC/CTO in (mg/L) | Composition after proposed change in product or raw material mix | Concentration after proposed change in product or raw material mix in (mg/L) | Remarks, if any |
|---|---|---|---|---|
| AS PER GSR 277(E) DATE 31 MARCH 2012 | 0.00 | 0.00 | 0.00 | ZERO LIQUID DISCHARGE INDUSTRY |

### 3.3. Total load in respect of Effluent

| Total load in respect of Effluent as per the EC/CTO | Treatmen t facility existing (with capacity in KLD) | Total load in respect of Effluent after proposed change in product or raw material mix in KLD | Treatment facility proposed with capacity after proposed change in product or raw material mix in KLD | Remarks if any |
|---|---|---|---|---|
| 0.00 | 0.00 | 0.00 | 10.00 | THERE WILL BE NO SIGNIFICANT CHANGE IN THE QUANTITY AND LOAD |

### 3.4. Details of effluent management

| | |
|---|---|
| **3.4.1.** Whether Segregation of Concentrated stream and its disposal is proposed? | No |
| **7.4.2.** Whether Reduction / Recycle / Reuse of effluent are proposed? | Yes |
| **7.4.2.1.** Brief report on details of Reduction / Recycle / Reuse of effluent | 4 stage scrubber is installed and water is recycled.pdf Preview |
| **7.4.3.** Whether any additional Effluent Treatment Facilities Provided? | No |
| **7.4.4.** Whether is there any proposal for up-gradation of ETP? | No |
| **7.4.5.** Whether the unit is having Membership of Common Effluent Conveyance / Disposal Facility? | No |
| **7.4.6.** Whether it is Proposed to achieve zero discharge? | Yes |
| **7.4.6.1.** Brief report on Proposal to achieve zero discharge with technical justification and feasibility | 4 stage scrubber is installed and water is recycled.pdf Preview |
| **7.4.7.** Whether Project has Membership of CETP? | No |

## Emission Generation

### 1. Details of Emission Generation

**1.1.**

**Quantity**

**(i) From Stacks**

| Point Source (s) | Height of stack (m) | As per EC / CTO | | | After the proposed change in product or raw material mix | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Emission rate | Unit | Total emission | Unit | Emission rate | Unit | Total emission | Unit |
| HOT AIR GENERATOR | 30 | 2.5 | Tons per Day (TPD) | 110 | Miligram per Normal cubic meter (mg/Nm3) | 2.5 | Tons per Day (TPD) | 110 | Miligram per Normal cubic meter (mg/Nm3) |
| DG SET | 11 | 0.0001 | Tons per Day (TPD) | 0.0001 | Tons per Day (TPD) | 0.0001 | Tons per Day (TPD) | 0.0001 | Tons per Day (TPD) |
| SSP VENT | 40 | 10 | Others | 10 | Miligram per Normal cubic meter (mg/Nm3) | 10 | Others | 10 | Miligram per Normal cubic meter (mg/Nm3) |

**(ii)From Fugitive sources**

| Fugitive Sources | Height of discharge in m | As per EC / CTO | | | After the proposed change in product or raw material mix | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Emission rate | Unit | Total emission | Unit | Emission rate | Unit | Total emission | Unit |
| loading unloading | 1 | 0.0001 | Tons per Day (TPD) | 0.001 | Tons per Day (TPD) | 0 | Tons per Day (TPD) | 0 | Others |

**(iii) From other sources**

| Other Source(s) | Height of discharge in m | As per EC / CTO | | | After proposed change in product or raw material mix | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Emission rate | Unit | Total emission | Unit | Emission rate | Unit | Total emission | Unit |
| nil | 0 | 0 | | 0 | Others | 0 | Others | 0 | Others |

**1.2.**

**Quality**

| Stack attached to | Stack Height in Meter | APCM | Parameter | Concentration | | | |
|---|---|---|---|---|---|---|---|
| | | | | As per EC / CTO | Unit | After the proposed change in product or raw material mix | Unit |
| nil | 0 | nil | 0.00 | 0 | Others | 0 | Others |

**2.**

**Total load in respect of Emission**

| Total load in respect of emission as per the EC / CTO | Unit | APCM existing with capacity | Unit | Total load in respect of emission after proposed change in product or raw material mix | Unit | APCM proposed with capacity after proposed change in product or raw material mix | Unit | Remarks if any |
|---|---|---|---|---|---|---|---|---|
| 0 | Others | 0 | Others | 0 | Others | 0 | Others | scrubber system is installed for controlling the HF Emission. |

**3.Details of emission management**

| | |
|---|---|
| **3.1.** Whether there is any Proposal for switching over to cleaner fuel? | No |
| **3.2.** Whether there is any Proposal for the up gradation of existing APCM? (with the time-bound program) | No |
| **3.3.** Whether there is Proposal for the installation of new APCM? (with time-bound program) | No |

## 1.Hazardous Waste Generation

**1.1.**

**Quantity and type of waste**

| Type of Waste | Category (As per Schedule under Hazardous & Other Waste Management Rules, 2016) | Generation per Year | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Existing as per the EC / CTO | Unit | After Change in Product Mix | Unit | Source of Generation | Mode of Storage | Mode of Treatment & Disposal method |
| used oil | 5.1 | 0.4 | Others | 0 | Others | dg set | barrels | recyclers |

**1.2.**

**Details of Waste management**

| | |
|---|---|
| **1.2.1.** Whether Proposal for reduction / recovery / reuse / recycle / sale of waste (with technical details) is proposed? | No |
| **1.2.2.** Whether Project has Membership of Common Secured Landfill Site? | No |
| **1.2.3.** Whether Project has Membership of Common hazardous waste incineration facility | No |

**2.**

**No Increase in Pollution Load certificates from the authorized environmental auditor and countersigned by Project Proponent**

| | |
|---|---|
| **2.1.** Authorized environmental auditor/Reputed Institution Empaneled by the SPCB/CPCB/MoEFCC | NABET ACCREDETID CONSULTANT |
| **2.2.** Upload the Certificate of 'No Increase in Pollution' Load. | nipl tulsi by priyank.pdf Preview |

**3.**

**Online Continuous effluent/emission Monitoring System**

Quantity

| | | | | | | | **Date of connection to the servers of** | |
|---|---|---|---|---|---|---|---|---|
| **Attribute** | **Constituents** | **Date of installation** | **Details calibration of OCEMS** | **No. of time data exceeds the limit** | **Value Exceeded** | **Status of OCEMS functioning** | **CPCB** | **SPCB** |
| Effluents | 0.00 | 26/09/2024 | 0.00 | 000 | 0 | Yes | No | No |
| Emissions | 0.00 | 26/09/2024 | 0.00 | 000 | 0 | Yes | No | No |

## 1. Additional Information

| S. No. | Document Name | Remark | Document |
|---|---|---|---|
| 1 | NO INCREASE POLLUTION LOAD REPORT | - | nipl tulsi by priyank.pdf Preview |

| S. No. | Document Name | Remark | Document |
|---|---|---|---|
| 2 | REQUEST LETTER MOEF | FOR CHANGE IN PRODUCT MIX | letter moef tulsi.pdf Preview |
| 3 | CTO | - | cto tulsi -ssp.pdf Preview |
| 4 | COPY OF EC | - | ec of shri tulsi phosphate ltd.pdf Preview |
| 5 | QCI NABET CERTIFICATE | - | qci certificate 2024.pdf Preview |

## 1.Undertaking

| |
|---|
| ☐ I hereby give undertaking that the data and information given in the application and enclosures are true to be best of my knowledge and belief and I am aware that if any part of the data and information is found to be false or misleading at any stage, the project will be rejected and clearance given if any to the project will be revoked at our risk and cost. In addition to the above, I hearby give undertaking that no activity/construction/expansion has been taken up |

| | |
|---|---|
| **1.1.** Name | Shri Shivam Suhane |
| **1.2.** Designation | MD |
| **1.3.** Company | SHRI TULSI PHOSPAHTE LIMITED |
| **1.4.** Address | Shop No. 128 1st Floor, Lalganga Midas Bilaspur Road Raipur C.G. |
| **1.5.** Date | 26-09-2024 |