



## JHARKHAND STATE POLLUTION CONTROL BOARD

TOWNSHIP ADMINISTRATION BUILDING, HEC COMPLEX, DHURWA, RANCHI 834004

Telephone: 0651-2400850 (Fax)/ 2400851/2400852/2401847/2400979/2400139

Ref No. JSPCB/HO/RNC/CTO-865822/2017/1078

Dated : 2017-07-31

### Consent to operate (CTO) under section 25 /26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention & Control of Pollution) Act, 1981

1. Application (s) dated 2016-07-06 of Uranium Corporation of India Limited, Occupier Name :Shri P N Sarkar for consent under section 25 (1)(b)/25 (1) (c)/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21(1) of the Air (Prevention & Control of Pollution) Act,1981..
2. **Documents Relied Upon:**
  - (a) The content o Environmental Clearance (EC), Ref No. J-11015/961/2007-IA.II (M) dated 13.05.2008.
  - (b) The content of the Mining Lease deed No. IV - 827 dated - 21.07.2008.
  - (c) The content of Consent-to-Establish (CTE), Ref No. G-784 Dated 28.03.2011.
  - (d) The content of Consent-to-Operate (CTO), Ref. No. G-1044, Ranchi, Dated- 07.04.2016.
  - (e) The content of Inspection Report (I/R), Ref No.1803, R O, Regional Office-Cum-Laboratory, Jamshedpur Dated – 04.08.2016.
3. The consent is granted under section 25 / 26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention & Control of Pollution) Act, 1981 to operate the project in Mauza -Banduhurang, Kerwadungri , P S -Banduhurang , District -EAST SINGHBUM , as follows:

Project	Site-Area		Investment (Rs)	Product & Capacity	Period of CTO
	Plot Nos.	Area			
Before Expansion	As per EC.	As per EC	151 Crore	Uranium Ore - 1.05 Million T/Annum	Date of issue to 30.06.2021

#### (A) **General Conditions :**

- (1) That, the occupier shall maintain the **National Ambient Air Quality Standard** given below:

S N	Pollutant	Time Weighted Average	Concentration in Ambient Air	
			Industrial, Residential, Rural and Other Area	Ecologically Sensitive Area (notified by Central Govt.)
(1)	(2)	(3)	(4)	(5)
1.	Sulphur Dioxide (SO <sub>2</sub> ), µg/m <sup>3</sup>	Annual 24 hours	50 80	20 80
2.	Nitrogen Dioxide (NO <sub>2</sub> ), µg/m <sup>3</sup>	Annual 24 hours	40 80	30 80
3.	Particulate Matter (size less than 10 µm) or PM <sub>10</sub> , µg/m <sup>3</sup>	Annual 24 hours	60 100	60 100
4.	Particulate Matter (size less than 2.5 µm) or PM <sub>2.5</sub> , µg/m <sup>3</sup>	Annual 24 hours	40 60	40 60
5.	Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>	8 hours 1 hour	100 180	100 180
6.	Lead (Pb) µg/m <sup>3</sup>	Annual 24 hours	0.50 1.0	0.50 1.0
7.	Carbon Monoxide (CO) mg/m <sup>3</sup>	8 hours 1 hour	02 04	02 04
8.	Ammonia (NH <sub>3</sub> ) µg/m <sup>3</sup>	Annual 24 hours	100 400	100 400
9.	Benzene (C <sub>6</sub> H <sub>6</sub> ) µg/m <sup>3</sup>	Annual	05	05
10.	Benzo(a) Pyrene(BaP) Particulate Phase only ng/m <sup>3</sup>	Annual	01	01
11.	Arsenic (As) ng/m <sup>3</sup>	Annual	06	06
12.	Nickel (Ni) ng/m <sup>3</sup>	Annual	20	20

**Note : Serial no. 1 to 4 – Mandatory  
Serial no. 5 to 12 As applicable for specific type of industry.**

(2) That, the occupier shall maintain the emission quality within the standard and the quantity, as follows:

S N	Parameter	Standard
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(3) That, the occupier shall keep process effluent in close-circuit and the quality of effluent from other sources in conformity with the standard (s) and the discharge quantity as below:

S N	Parameter	Standard
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(4) That, the occupier shall dispose of solid wastes as follows:

S N	Waste Type	Mode of Disposal
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(5) That, the occupier shall keep D G Set(s) within acoustic enclosure and shall keep the height(s) of exhaust pipe(s) as per Central Pollution Control Board norm.

(6) That, the occupier shall install and maintain Central Ground Water Board/ State Ground Water Directorate approved system of rain water harvesting-cum-ground water recharge and submit the photographic view of the structures within a month.

(7) That, the occupier shall grow and maintain greenery of the project in the periphery and other available spaces and shall continue enhancing its plant density and biodiversity.

(8) That, the occupier shall submit environmental statement with supporting stoichiometric calculations analyses reports, every year latest by 30th September of the next financial year.

(9) That, the occupier shall submit report(s) duly monitored and issued by an NABL accredited / ISO 9001:2008 and OHSAS 18001:2007 certified laboratory in compliance sub-para (2), (3), (4) and (5) of paragraph 3 of this CTO yearly at required periodicity.

(10) That, this CTO is valid subjected to the validity of mining Lease/Mining Plan/Ecofriendly/Environmental Clearance, if applicable. In case of no renewal of Mining Lease/Mining Plan, this consent shall be treated as revoked automatically.

(11) That, this CTO is issued from the environmental angle only and does not absolve the occupier from other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility to comply with these conditions laid down in all other laws for the time-being in force, rests with the industry/ unit/ occupier.

(12) That, this CTO shall not in any way, adversely affect or jeopardize the legal proceeding , if any, instituted in the past or that could be , instituted against you by the State Board for violation of the provisions of the Act or the Rules made there under.

(13) That, the occupier shall comply with all applicable provisions of the Water (Prevention & Control of Pollution) Act, 1974; the Water (Prevention & Control of Pollution) Cess Act, 1977; the Air (Prevention & Control of Pollution) Act, 1981; and the Environment (Protection) Act, 1986 and Rules made there under.

**(B) Specific Conditions:**

- i. That, the occupier shall submit Noise Level Monitoring report to the Board within consent period and they shall conform to the standard.
- ii. That, the occupier shall confirm the quality of effluent to the standard prescribed by the Board.
- iii. That, the occupier shall not discharge the industrial effluent outside the premises and should be re utilized after treatment.
- iv. That, the occupier shall ensure the cleaning and wetting of the ground regularly to improve housekeeping.
- v. That, the occupier shall frequency of water spraying system all along the campus.
- vi. That, the occupier shall take step to minimize the adverse effect of radiation in consultation with the competent authority for this purpose and shall submit the radiation test reports regularly.
- vii. That, the occupier shall reclaim the mined out area and tree plantation shall be done over it.
- viii. That, the occupier shall submit applications for renewal of consent under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention & Control of Pollution) Act, Submitted. 1981 again 120 days prior to the date of expiry of this consent i.e. 30.06.2021, with requisite fee and documents showing compliance of all of the above conditions.

4. **That, this CTO shall not absolve the occupier from making compliance of other statutory prescribed under any law or direction of courts or any other instrument for the time being in force.**
5. **That, this CTO is being issued on the basis of information/ documents/ certificate submitted by the unit. This CTO will be revoked if any of the information/documents/certificates/undertaking given by the occupier is found false/fictitious/forged in future.**
6. **The Order shall be valid subject to compliance of all other legal requirements applicable to the unit.**
7. **The State Board reserve the right to revoke, withdraw or make any reasonable variation / change / alteration in conditions of this consent.**

**This is issued with the approval of the Competent authority**

**SUMAN  
SANJAY  
KUMAR**

**(Sanjay Kumar Suman)  
Member Secretary**

Digitally signed by SUMAN SANJAY KUMAR  
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POLLUTION CONTROL BOARD,  
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postalCode=834001, st=Jharkhand,  
cn=SUMAN SANJAY KUMAR  
Date: 2017.07.31 12:14:19 +05'30'

**Copy to:** M/s Uranium Corporation of India Limited, Banduhurang Mine, Dist - EAST SINGHBHUM/ Deputy Commissioner, EAST SINGHBHUM/the Director of Industry, Government of Jharkhand, Ranchi/ the Chief Inspector of Factories, Ranchi/ D.F O.- Dhalbhum, East Singhbhum/ D.M O.- Dhalbhum, East Singhbhum /Regional Officer, Regional Office-Cum-Laboratory, Jamshedpur for information & necessary action. Regional Officer is requested to examine the status of compliance every year and shall submit the report.

SUMAN  
SANJAY  
KUMAR

Digitally signed by SUMAN SANJAY  
KUMAR  
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POLLUTION CONTROL BOARD,  
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cn=SUMAN SANJAY KUMAR  
Date: 2017.07.31 12:14:39 +05'30'

**(Sanjay Kumar Suman)**  
Member Secretary



## JHARKHAND STATE POLLUTION CONTROL BOARD

TOWNSHIP ADMINISTRATION BUILDING, HEC COMPLEX, DHURWA, RANCHI 834004

Telephone: 0651-2400850 (Fax)/ 2400851/2400852/2401847/2400979/2400139

Ref No. PC/JSR/Air/U-24/05/234730/15/.....

Ranchi Dated : 2016-03-31

### Consent to operate (CTO) under section 25 /26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention & Control of Pollution) Act, 1981

1. Application (s) dated 2015-07-29 of Uranium Corporation of India Limited, Occupier Name :Shri P N Sarkar for consent under section 25 (1) (b)/25 (1) (c)/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21(1) of the Air (Prevention & Control of Pollution) Act,1981.
2. **Documents Relied Upon:**
  - (a)The content of Consent-to-Operate (CTO), Ref No. G-5038 Ranchi, Dated 20.12.2013
  - (b)The content of Inspection Report (I/R), Ref No. 2189 Regional Office-Cum-Laboratory, Jamshedpur, Dated 19.10.2015
  - (c) The content of Mining Lease deed No.IV-827, dated 21.07.2008 for the period from 05.08.2008 to 04.08.2028
3. The consent is granted under section 25 / 26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention & Control of Pollution) Act, 1981 to operate the project in Mauza -Banduhurang, Kerwadungri , P S -Banduhurang , District -EAST SINGHBUM , as follows:

Project	Site-Area		Investment (Rs)	Product & Capacity	Period of CTO	Total
	Plot Nos.	Area				
Before Expansion	At-Bhanduhurang, P.O. - Sundernagar, Dist. - East Singhbhum	253.44 Acres	259 Lac	Uranium Ore - 0.72 MT/Year	Date of issue to 30.06.2016	

#### (A) General Conditions :

- (1) That, the occupier shall comply with all conditions of EC, Ref No , Dated 29/02/2016, CTE, Ref No , and dated 29/02/2016 , previous CTO, Ref No G-5038dated20/12/2013 and shall submit report to this effect with supporting documents.
- (2) That, the occupier shall maintain the ambient air quality within the standard given below:

S N	Parameter	Standard
1	Respirable Suspended Particulate Matter	100 µg/ Nm <sup>3</sup>
2	Sulphur Dioxide	80 µg/ Nm <sup>3</sup>
3	Oxides of Nitrogen	80 µg/ Nm <sup>3</sup>

(3) That, the occupier shall maintain the emission quality within the standard and the quantity, as follows:

S N	Parameter	Standard
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(4) That, the occupier shall keep process effluent in close-circuit and the quality of effluent from other sources in conformity with the standard (s) and the discharge quantity as below:

S N	Parameter	Standard
1	Total Suspended Solids	100 mg/L
2	BOD	30 mg/L
3	COD	250 mg/ L
4	Oil & Grease	10 mg/ L

(5) That, the occupier shall dispose of solid wastes as follows:

S N	Waste Type	Mode of Disposal
1	Hazardous Carbonaceous Wastes	In co-processing in high temperature furnaces or kilns
2	Hazardous Non-Carbonaceous Wastes	In TSDF
3	Non-Carbonaceous Non-Hazardous solid wastes/ Mine Over Burden	As a substitute of Soil or Mineral

6. That, the occupier shall keep D G Set(s) within acoustic enclosure (s) and shall keep the height(s) of exhaust pipe(s) as per Central Pollution Control Board norm.
7. That, the occupier shall install and maintain Central Ground Water Board/ State Ground Water Directorate approved system of rain water harvesting-cum-ground water recharge.
8. That, the occupier shall create and maintain new water body (ies) / remove deposit(s) of existing water body(ies) and nearby stream(s) & pond(s) and shall maintain the wholesomeness of water.
9. That, the occupier shall grow and maintain greenery in the periphery and other available spaces and shall continue enhancing its plant density and biodiversity.
10. That, the occupier shall submit environmental statement with supporting stoichiometric calculations analyses reports every year.
11. That, the occupier shall submit report(s) duly monitored and issued by an NABL/ISO 9001 with OHSAS 18001 accredited laboratory in compliance of sub-para (2), (3), (4)and (5) of paragraph 3 of this CTO annually.
12. That, the occupier shall comply with all applicable provisions of the Water (Prevention & Control of Pollution) Act, 1974; the Water (Prevention & Control of Pollution) Cess Act, 1977; the Air (Prevention & Control of Pollution) Act, 1981; and the Environment (Protection) Act, 1986 and Rules there under.

**(B) Specific Conditions:**

1. That, the occupier shall submit Noise Level Monitoring report to the Board within consent period and they shall conform to the standard.
2. That, the occupier shall conform the quality of effluent to the standard prescribed by the Board.
3. That, the occupier shall not discharge the industrial effluent outside the premises and should be re utilized after treatment.
4. That, the occupier shall ensure the cleaning and wetting of the ground regularly to improve house keeping.
5. That, the occupier shall frequency of water spraying system all along the campus.
6. That, the occupier shall take step to minimize the adverse effect of radiation in consultation with the competent authority for this purpose and shall submit the radiation test reports regularly.
7. That, the occupier shall reclaim the mined out area and tree plantation shall be done over it.
8. That, the occupier shall submit applications for renewal of consent under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention & Control of Pollution) Act, 1981 again 120 days prior to the date of expiry of this consent i.e. 30.06.2016, with requisite fee and documents showing compliance of all of the above conditions.

4. The Order shall be valid subject to compliance of all other legal requirements applicable to the unit.

**This is issued with the approval of the Competent authority**

**(Sanjay Kumar Suman)**

Member Secretary

Memo No. : PC/JSR/Air/U-24/05/234730/15/.....

Ranchi Dated : 2016-03-31

Copy to: M/s. Banduhurang Uranium Mining Project (UCIL), At - Banduhurang, P.O. - Sundernagar, Dist. - East Singhbhum/D.F.O., East Singhbhum,/ D.M.O. East Singhbhum,/ Dy. Commissioner, East Singhbhum/ Regional Officer, Regional Office-Cum-Laboratory, Jamshedpur for information & necessary action.



**(Sanjay Kumar Suman)**  
Member Secretary



# झारखण्ड राज्य प्रदूषण नियंत्रण पर्वद

## JHARKHAND STATE POLLUTION CONTROL BOARD

T.A.DIVISION BUILDING (GROUND FLOOR),HEC COMPEX, DHURWA, RANCHI-834004.

Phone No:-0651- 2400852, 2400851, Fax No:- 2400850.

Ref.No.PC/JSR/Air/ U-24/05-

65038

Date 20/2/13

### CONSENT TO OPERATE

With reference to the application dated 19.02.2013 of M/s. Banduhurang Uranium Mining Project (UCIL), At- Banduburang, P.O. Sundernagar, East Singhbhum for consent under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and that under section 21 of the Air (Prevention & Control of Pollution) Act, 1981, he (they) is (are) granted consent to bring into use his(their) new/altered/existing outlet(s) for discharge of trade effluent and (or) domestic sewage and to operate his (their) industrial plant having installed production capacity to produce Uranium Ore-0.72 MT/year, At- Banduhurang, P.O. Sundernagar, Dist. East Singhbhum for the period from 01.07.2013 to 30.06.2014 with the following conditions :

1. That, he(they) shall not make any alteration, addition, deletion or modification in the plant without the prior clearance from the Board.
2. That, he(they) shall abide by the obligations provided under section 24, 31 and 33A of the Water (Prevention & Control of Pollution) Act, 1974 and shall extend co-operation to the Board in performing its functions entrusted under section 20, 21, 23, 30 and 32 of the Act.
3. That, he(they) shall comply with the requirements of the Water (Prevention & Control of Pollution) Cess Act, 1977 read with the Water (Prevention & Control of Pollution) Cess Rules, 1978.
4. That, he(they) shall abide by the obligations provided under section 22, 23 and 31A of the Air (Prevention & Control of Pollution) Act, 1981 and shall extend co-operation to the Board in performing its functions entrusted under sections 24, 25 and 26 of the Act.
5. That, he(they) shall abide by the obligations provided under sections 5, 7, 8 and 9 of the Environment (Protection) Act, 1986 and shall extend co-operation in performing the functions entrusted under section 3, 10 and 11 of the Act.
6. That, he(they) shall abide by the applicable provisions of the Environment (Protection) Rules, 1986, the Hazardous Wastes (Management, Handling & Transboundry Movement) Rules, 2008; the Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989; the Bio-medical Waste (Management & Handling) Rules, 1998; the Municipal Solid Wastes (Management & Handling) Rules, 2000 and the Batteries (Management & Handling) Rules, 2001.
7. That, he(they) shall maintain the quality of discharge and (or) emission and (or) noise level of environmental pollutants in conformity with the standards as laid under Rule 3 of the Environment (Protection) Rules, 1986.

S.E.

8. That, he(they) shall monitor his(their) effluent(s), emission(s) and the ambient air, noise level regularly and shall submit the report to the Board in compliance of the condition laid in paragraph 7.
9. That, he(they) shall establish well equipped environmental laboratory with the facilities of system(s) of continuous monitoring of effluent(s), emission(s) ambient water quality(ies), ambient air quality(ies) and ambient noise level(s) and transferring them (monitoring results) to his(their) website(s) and to the e-mail address(es) of the key persons of Jharkhand State Pollution Control Board, CPCB, Zonal Office, Kolkata and Ministry of Environment & Forests, Regional Office, Bhubneshwar with simultaneous displaying at prominent locations in front of his(their) premises. [\*Unit(s) of medium and large scale under 17 categories of polluting industries of category A of EIA Notification, 2006.]
10. That, he(they) shall submit the environmental statement every year by 30<sup>th</sup> September and shall harvest all rain water precipitating in the premises and do three tier tree plantation in the premises as air barrier.
11. That, he(they) shall submit application for consent under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and that under section 21 of the Air (Prevention & Control of Pollution) Act, 1981 again 120 days before the expiration of the consent order 30.06.2014 or within 30 days from the date of receipt of the order, whichever is earlier.
12. *That, he(they) shall submit Ambient Air Quality report, Effluent Analysis Report and Noise Level monitoring report to the Board within consent period and they shall conform to the standard.*
13. *That, he(they) shall conform the quality of effluent to the standard prescribed by the Board.*
14. *That, he(they) shall not discharge the industrial effluent outside the premises and should be reutilized after due treatment.*
15. *That, he(they) shall pay Water Cess under the Water (Prevention & Control of Pollution) Cess Act, 1977 based upon the water meter reading.*
16. *That, he(they) shall ensure the cleaning and wetting of the ground regularly to improve house keeping.*
17. *That, he(they) shall increase the frequency of water spraying system all along the campus.*
18. *That, he(they) shall take step to minimize the adverse effect of radiation in consultation with the competent authority for this purpose and shall submit the radiation test reports regularly.*
19. *That, he(they) shall submit the current health survey report of UCIL neighbouring area to the Board.*
20. *That, he(they) shall reclaim the mined out area and tree plantation shall be done over it.*

Sd/-  
Member Secretary

Memo no. PC/ISR/Air/U-24/05- 4.5058 ✓

Ranchi, Dated 20.12.15

Copy forwarded to: M/s. Banduhurang Uranium Mining Project (UCIL), At-Banduhurang, P.O. Sundernagar, East Singhbhum./D.F.O., East Singhbhum/D.M.O., East Singhbhum/Regional Officer, Regional Office-Cum-Laboratory, Jamshedpur for information & necessary action.

  
Member Secretary





## JHARKHAND STATE POLLUTION CONTROL BOARD

T.A. DIVISION BUILDING (GROUND FLOOR), H.E.C., DHURWA, RANCHI-834004

Phone.:2400852, 2400851, Fax:0651- 2400850, Web Site-www.jspcb.org

Ref.No. JA/2685/2684/A/W

Date:.....

### CONSENT TO OPERATE

With reference to the applications dated **18.03.2010** of **M/s. Banduhurang Uranium Mining Project (U.C.I.L.), At-Banduhurang, P.O.-Sundernagar, East Singhbhum** for consent under section 25/25 of the Water (Prevention & Control of Pollution) Act, 1974 and that under section 21 of the Air (Prevention & Control of Pollution) Act, 1981, he (they) is (are) granted consent to bring into use his (their) new/altered/existing outlet(s) for discharge of trade effluent and (or) domestic sewage and to operate his (their) industrial plant having installed production capacity to produce **Uranium Ore-2400 MT/Day, at-Banduhurang, P.O.-Sundernagar, East Singhbhum** for the period from **01.07.2010 to 30.06.2011** with the following conditions:

1. That, he (they) shall not make any alteration, addition, deletion or modification in the plant without the prior clearance from the Board.
2. That, he (they) shall abide by the obligations provided under sections 24, 31 and 33A of the Water (Prevention & Control of Pollution) Act, 1974 and shall extend co-operation to the Board in performing its functions entrusted under sections 20, 21, 23, 30 and 32 of the Act.
3. That, he (they) shall comply with the requirements of the Water (Prevention & Control of Pollution) Cess Act, 1977 read with the Water (Prevention & Control of Pollution) Cess Rules, 1978
4. That, he (they) shall abide by the obligations provided under sections 22, 23 and 31A of the Air (Prevention & Control of Pollution) Act, 1981 and shall extend co-operation to the Board in performing its functions entrusted under sections 24, 25 and 26 of the Act.
5. That, he (they) shall abide by the obligations provided under sections 5, 7, 8 and 9 of the Environment (Protection) Act, 1986 and shall extend co-operation in performing the functions entrusted under sections 3, 10 and 11 of the Act.
6. That, he (they) shall abide by the applicable provisions of the Environment (Protection) Rules, 1986; the Hazardous Wastes (Management, Handling & Transboundary Movement) Rules 2008; the Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989; the Bio-Medical Waste (Management and Handling) Rules, 1998; the Municipal Solid Wastes (Management and Handling) Rules, 2000 and the Batteries (Management and Handling) Rules, 2001.
7. That, he (they) shall maintain the quality of discharge and (or) emission and (or) noise level of environmental pollutants in conformity with the standards as laid under rule 3 of the Environment (Protection) Rules, 1986.
8. That, he (they) shall monitor his (their) effluent (s), emission (s) and the ambient air, noise level regularly and shall submit the report to the Board in compliance of the condition laid in paragraph 7.

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9. That, \*he (they) shall establish well equipped environmental laboratory with the facilities of system (s) of continuous monitoring of effluent (s), emission (s), ambient water quality (ies), ambient air quality (ies) and ambient noise level (s) and transferring them (monitoring results) to his (their) website (s) and to the e-mail address (es) of the key persons of Jharkhand State Pollution Control Board; Central Pollution Control Board, Zonal Office, Kolkata and Ministry of Environment & Forests, Regional Office, Bhubaneswar with simultaneous displaying at prominent locations in front of the his (their) premises. [\* Unit (s) of medium and large scale under 17 categories of polluting industries of category A of E I A Notification, 2006.]
10. That, he (they) shall submit the environmental statement every year by 30<sup>th</sup> September and shall harvest all rainwater precipitating in the premises and do three tier tree plantation as air barrier.
11. That, he (they) shall submit applications for consent under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and that under section 21 of the Air (Prevention & Control of Pollution) Act, 1981 again 120 days before the expiration of the consent i.e. 30.06.2011 or within 30 days from the date of receipt of this order, whichever is earlier.
12. That, he (they) shall submit AAQ and Noise level monitoring report within consent period.
13. That, he (they) shall monitor and submit the effluent analysis report within consent period.
14. That, he(they) shall conform the quality of effluent to the standard prescribed by the Board.
15. That, he (they) shall pay Cess under the Water (Prevention & Control of Pollution) Cess Act, 1977
17. That, he(they) shall increase the frequency of water spraying system all along the campus.
18. That, there shall be no discharge of effluent outside the premises and should be reutilized after due treatment.
19. That, he(they) shall submit the radiation test regularly and submit the report to the Board within one month.
20. That, he(they) shall submit current health survey report of UCIL area ever year.
21. That, he(they) shall successfully reclaim the mine out area regularly.
22. That, he(they) shall implement Rain Water Harvesting plan within 02 month.

sdr  
MEMBER SECRETARY

Memo. No. 4415 ✓

Ranchi, Dated 27.2.10

**Copy forwarded to : M/s. Banduhurang Uranium Mining Project (U.C.I.L.), At-Banduhurang, P.O.-Sundernagar, East Singhbhum/Regional Officer, R O-Cum-Laboratory, Jamshedpur for information and necessary.**

MEMBER SECRETARY





# झारखण्ड राज्य प्रदूषण नियंत्रण पर्वद

(2)

Ph.: 0651-2403851  
Fax: 0651-2403850

## JHARKHAND STATE POLLUTION CONTROL BOARD

वायु (प्रदूषण निवारण एवं नियंत्रण) अधिनियम 1981 के अन्तर्गत गठित

CONSTITUTED UNDER THE AIR (PREVENTION & CONTROL OF POLLUTION) ACT, 1981

T. A. Division Building ( Ground Floor), H.E.C. Campus, Dhurwa, Ranchi-834004

Date 14/05/2009

### EMISSION CONSENT ORDER

With reference to the application dated 26/07/2008 of CMD, M/s. Banduhurang Uranium Mining Project (U.C.I.L. At-Banduhurang, PO.-Sundernagar, East Singhbhum for consent under section 21 of the Air (Prevention & Control of Pollution) Act, 1981, he/they is/are granted consent to operate his/their Industrial Plant at At-Banduhurang, PO.-Sundernagar, East Singhbhum, East Singhbhum for the period from 01/07/2008 to 30/06/2009 with the following conditions :-

1. That, he/they shall not make any alteration, addition, deletion or modification in the plant without the prior clearance from the board and shall also abide by the obligations under sections 22, 23 and 31A of the Air (Prevention & Control of Pollution) Act, 1981 and shall further extend co-operation to the Board in performing its functions entrusted under sections 24, 25, and 26 of the Act;
2. That, he/they shall comply with the requirements of rule 14 of the Environment (Protection) Rules, 1986; rules 4, 5, 7, 9, 10 and 11 of the Hazardous Wastes (Management and Handling) Rules 1989, and 2000, rules 4, 5, 7, 8, 10, 11, 12, 13, 15, 17 and 18 of the Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989; and the provisions of the Public Liability Insurance Act, 1991, whichever is applicable;
3. That, he/they shall monitor his/their emission(s) and ambient air quality from representative points regularly and shall maintain its quality in conformity with Board's standards and shall produce its proof, as and when asked for;
4. That, he/they shall submit application for consent again 30 days before the expiration of the period of consent i.e. 30/06/2009 or within 30 days from the date of receipt of this order, whichever is applicable.
5. He/they shall continue tree plantation and maintain.
6. He/they shall successfully reclaim the mine out area regularly.
7. He/they shall do regular cleaning and wetting of the ground within the premises.
8. He/they shall do sprinkling of water time to time on haul roads and dusty areas.
9. He/they shall submit Ambient Air Quality Report & Noise Monitoring Report within consent period.
10. He/they shall submit Environmental Statement by 30th Sept. every year in compliance of paragraph-2
11. The unit shall implement Rain Water Harvesting within consent period.

To,  
CMD  
M/s. Banduhurang Uranium Mining Project (U.C.I.L.)  
At-Banduhurang, PO.-Sundernagar, East Singhbhum  
East Singhbhum  
Phone # :- 0

Dasirha 14/5/2009  
MEMBER SECRETARY

Memo. No. JA/2685/A/.....

Dated 14/05/2009

Copy forwarded to the Regional Officer Jamshedpur for information and necessary action.

Phalcatra  
1. Dm (Me)  
2. Adh. Supt (Enr)

Urm - Manoj - Pm  
Adh. Supt (Enr) 28/5/09

MEMBER SECRETARY





# झारखण्ड राज्य प्रदूषण नियंत्रण पर्वद

Ph.: 0651-2403851  
Fax: 0651-2403850

## JHARKHAND STATE POLLUTION CONTROL BOARD

जल (प्रदूषण निवारण एवं नियंत्रण) अधिनियम 1974 के अन्तर्गत गठित  
CONSTITUTED UNDER THE WATER (PREVENTION & CONTROL OF POLLUTION) ACT, 1974

T. A. Division Building ( Ground Floor), H.E.C. Campus, Dhurwa, Ranchi-834004

Ref. No. JA/2684/W/.....2354

Date 14/05/2009

### DISCHARGE CONSENT ORDER

With reference to the application dated 26/07/2008 of CMD, M/s. Banduhurang Uranium Mining Project (U.C.I.L.), At-Banduhurang, PO.-Sundernagar, East Singhbhum for consent under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974, he/they is/are granted consent to bring into use his/their new/altered/existing outlet(s) for discharge of trade effluent and / or domestic sewage at At-Banduhurang, PO.-Sundernagar, East Singhbhum for the period from 01/07/2008 to 30/06/2009 with the following conditions :-

1. That, he/they shall not , make any alteration, addition, deletion or modification in the plant without the prior clearance from the Board and shall also abide by the obligations under sections 24, 31 and 33A of the Water (Prevention & Control of Pollution) Act, 1974 and shall further extend cooperation to the Board in performing its functions entrusted under sections 20, 21, 23, 30 and 32 of the Act;
2. That, he/they shall comply with the requirements of rule 14 of the Environment (Protection) Rules, 1986; rules 4, 5, 7, 9, 10 and 11 of the Hazardous Wastes (Management and Handling) Rules 1989 and 2000, rules 4, 5, 7, 8 10, 11, 12, 13, 15 and 18 of the Manufacture Storage and Import of Hazardous Chemical Rules, 1989; and the provisions of the Public Liability Insurance Act, 1991, whichever is applicable;
3. That he/they shall monitor his/their effluent(s) regularly and maintain its quality in conformity with Board's standards and shall produce its proof, as and when asked for;
4. That, he/they shall submit application for consent again 30 days before the expiration of the period of consent i.e. 30/06/2009 or within 30 days from the date of receipt of this order, whichever is applicable.
5. He/they shall submit Environmental Statement by 30th Sept. every year.
6. He/they shall continue tree plantation and maintain.
7. He/they shall monitor and submit the effluent analysis report within consent report.
8. He/they shall conform the quality of effluent to the standard prescribed by the Board.
9. He/they shall increase the frequency of water spraying system all along the campus.
10. The unit shall implement Rain Water Harvesting within consent period.
11. Effluent shall not be discharged outside the premises and should be reutilised after due treatment.
12. He/they shall maintain the ground water table and quality intact.
13. He/they shall submit the radiation test regularly and submit the report to the Board within one month.
14. The unit shall submit current health survey report of UCIL area every year.

To,  
CMD  
M/s. Banduhurang Uranium Mining Project (U.C.I.L.)  
At-Banduhurang, PO.-Sundernagar, East Singhbhum  
East Singhbhum  
Phone # :- 0

Dasinha 14/5/2009  
MEMBER SECRETARY

Memo. No. JA/2684/W/.....

Dated 14/05/2009

Copy forwarded to the Regional Officer Jamshedpur for information and necessary action.

MEMBER SECRETARY





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**JHARKHAND STATE POLLUTION CONTROL BOARD**

वायु (प्रदूषण निवारण एवं नियंत्रण) अधिनियम 1981 के अन्तर्गत गठित

CONSTITUTED UNDER THE AIR (PREVENTION & CONTROL OF POLLUTION) ACT, 1981

T. A. Division Building ( Ground Floor), I.E.C. Campus, Dhurwa, Ranchi-834004

Ref. No. JA/2685/A/3760

17/6  
Date: 17/06/2008

**EMISSION CONSENT ORDER**

With reference to the application dated 22/01/2008 of CMD, M/s. Banduhurang Uranium Mining Project (U.C.I.L.), At-Banduhurang, PO.-Sundernagar, East Singhbhum for consent under section 21 of the Air (Prevention & Control of Pollution) Act, 1981, he/they is/are granted consent to operate his/their Industrial Plant at At-Banduhurang, PO.-Sundernagar, East Singhbhum, East Singhbhum for the period from 01/07/2007 to 30/06/2008 with the following conditions :-

1. That, he/they shall not make any alteration, addition, deletion or modification in the plant without the prior clearance from the board and shall also abide by the obligations under sections 22, 23 and 31A of the Air (Prevention & Control of Pollution) Act, 1981 and shall further extend co-operation to the Board in performing its functions entrusted under sections 24, 25, and 26 of the Act;
2. That, he/they shall comply with the requirements of rule 14 of the Environment (Protection) Rules, 1986; rules 4, 5, 7, 9, 10 and 11 of the Hazardous Wastes (Management and Handling) Rules 1989, and 2000, rules 4, 5, 7, 8, 10, 11, 12, 13, 15, 17 and 18 of the Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989; and the provisions of the Public Liability Insurance Act, 1991, whichever is applicable;
3. That, he/they shall monitor his/their emission(s) and ambient air quality from representative points regularly and shall maintain its quality in conformity with Board's standards and shall produce its proof, as and when asked for;
4. That, he/they shall submit application for consent again 30 days before the expiration of the period of consent i.e. 30/06/2008 or within 30 days from the date of receipt of this order, whichever is applicable.
5. He they shall make tree plantation in 33% of area & shall maintain.
6. He they shall reclaim the mine out area regularly.
7. He they shall do regular cleaning and wetting of the ground within the premises.
8. He they shall do sprinkling of water time to time on haul roads and dusty areas.
9. He/they shall submit Ambient Air Quality Report & Noise Monitoring Report within consent period.
10. He/they shall submit Environmental Statement by 30th Sept. every year in compliance of the conditons of paragraph-2
11. The unit shall implement Rain Water Harvesting within consent period.

To,  
CMD  
M/s. Banduhurang Uranium Mining Project (U.C.I.L.)  
At-Banduhurang, PO.-Sundernagar, East Singhbhum  
East Singhbhum  
Phone # :- 0

Dated 17/6/2008  
MEMBER SECRETARY

Memo. No. JA/2685/A/.....

Dated 17/06/2008

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MEMBER SECRETARY

Asst. Suptt (Env)

TMR







# झारखण्ड राज्य प्रदूषण नियंत्रण पर्वद

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## JHARKHAND STATE POLLUTION CONTROL BOARD

जल (प्रदूषण निवारण एवं नियंत्रण) अधिनियम 1974 के अन्तर्गत गठित  
CONSTITUTED UNDER THE WATER (PREVENTION & CONTROL OF POLLUTION) ACT, 1974

T. A. Division Building ( Ground Floor), H.E.C. Campus, Dhurwa, Ranchi-834004

Ref. No. JA/2684/W/ 3059

19/6/08  
Date: 17/06/2008

### DISCHARGE CONSENT ORDER

With reference to the application dated 22/01/2008 of CMD, M/s. Banduhurang Uranium Mining Project (U.C.I.L.), At-Banduhurang, PO.-Sundernagar, East Singhbhum for consent under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974. he/they is/are granted consent to bring into use his/their new/altered/existing outlet(s) for discharge of trade effluent and / or domestic sewage at At-Banduhurang, PO -Sundernagar, East Singhbhum for the period from 01/07/2007 to 30/06/2008 with the following conditions -

1. That, he/they shall not make any alteration, addition, deletion or modification in the plant without the prior clearance from the Board and shall also abide by the obligations under sections 24, 31 and 33A of the Water (Prevention & Control of Pollution) Act, 1974 and shall further extend cooperation to the Board in performing its functions entrusted under sections 20, 21, 23, 30 and 32 of the Act;
2. That, he/they shall comply with the requirements of rule 14 of the Environment (Protection) Rules, 1986; rules 4, 5, 7, 9, 10 and 11 of the Hazardous Wastes (Management and Handling) Rules 1989 and 2000, rules 4, 5, 7, 8, 10, 11, 12, 13, 15 and 18 of the Manufacture Storage and Import of Hazardous Chemical Rules, 1989; and the provisions of the Public Liability Insurance Act, 1991, whichever is applicable;
3. That he/they shall monitor his/their effluent(s) regularly and maintain its quality in conformity with Board's standards and shall produce its proof, as and when asked for;
4. That, he/they shall submit application for consent again 30 days before the expiration of the period of consent i.e. 30/06/2008 or within 30 days from the date of receipt of this order, whichever is applicable.
5. He they shall submit Environmental Statement by 30th Sept. every year.
6. He they shall make tree plantation in 33% of area & shall maintain.
7. He they shall monitor and submit the effluent analysis report within consent period.
8. He/they shall conform the quality of effluent to the standard prescribed by the Board.
9. He they shall increase the frequency of water spraying system all along the campus.
10. The unit shall implement Rain Water Harvesting within consent period.
11. Effluent shall not be discharged outside the premises and should be reutilised after due treatment.
12. He they shall maintain the ground water table and quality intact.
13. He they shall submit the radiation regularly and submit the report to the Board
14. He they shall submit Health Survey report of the area every year

To,  
CMD  
M/s. Banduhurang Uranium Mining Project (U.C.I.L.)  
At-Banduhurang, PO.-Sundernagar, East Singhbhum  
East Singhbhum  
Phone # :- 0

Memo. No. JA/2684/W/.....

Copy forwarded to the Regional Officer

Jamshedpur

for information and necessary action.

Dr. S. K. Singh 17/6/2008  
MEMBER SECRETARY

Dated 17/06/2008

MEMBER SECRETARY