



CHHATTISGARH ENVIRONMENT CONSERVATION BOARD

Paryavas Bhawan, North Block, Sector - 19,
Nava Raipur Atal Nagar, District-Raipur (C.G.)
e-mail - hocecb@gmail.com

No. 382/TS/CECB/ 2021 Nava Raipur Atal Nagar, Dated :17/05/ 2021

To,

M/s Steel Authority of India Limited,
Bhilai Steel Plant,
Ispat Bhawan, Bhilai,
District- Durg (C.G.)

Sub.: - Extension of validity of consent to establish and amendment in consent to establish issued under section 25 of the Water (Prevention and Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention and Control of Pollution) Act, 1981 for Destruction system for High Level or Pure Polychlorinated Biphenyls (PCBs) Liquid Waste - 330 Tonnes/Year and Decontamination of Porous Material Contaminated with Pure PCBs in Transformer Oil - 330 Tonnes/Year.

Ref.: - 1. "Permission to Establish" for Destruction System for High Level or Pure Polychlorinated Biphenyls (PCBs) Liquid Waste and Decontamination of Porous Material Contaminated with Pure PCBs in Transformer Oil capacity – 330 Tonnes/Year issued by Chhattisgarh Environment Conservation Board, Raipur, vide letter no. 5803/TS/CECB/2016, Raipur, dated 25/02/2016.

2. Your online application dated: 13/11/2020 and subsequent correspondence ending dated: 11/12/2020 (online application no. 6339527).

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Chhattisgarh Environment Conservation Board had granted "Permission to Establish" vide letter no. 5803/TS/CECB/2016, Raipur, dated 25/02/2016 for Destruction System for High Level or Pure Polychlorinated Biphenyls (PCBs) Liquid Waste and Decontamination of Porous Material Contaminated with Pure PCBs in Transformer Oil capacity – 330 Tonnes/Year.

Now, industry has applied for extension of validity of "Permission to Establish" of Chhattisgarh Environment Conservation Board, Raipur issued vide letter no. 5803/TS/CECB/2016, Raipur, dated 25/02/2016 and amendment in consent to establish issued under section 25 of the Water (Prevention and Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention and Control of Pollution) Act, 1981 for Destruction system for High Level or Pure Polychlorinated Biphenyls (PCBs) Liquid Waste - 330 Tonnes/Year and Decontamination of Porous Material Contaminated with Pure PCBs in Transformer Oil - 330 Tonnes/Year for further period through online application dated: 13/11/2020 and subsequent correspondence ending dated: 11/12/2020 (online application no. 6339527).

Regional Officer, Chhattisgarh Environment Conservation Board, Durg (C.G.) has submitted the inspection report vide letter dated 21/01/2021 and recommended for amendment and extension of validity in Permission to Establish for

Destruction System for High Level or Pure Polychlorinated Biphenyls (PCBs) Liquid Waste – 330 Tonnes/Year and Decontamination of Porous Material Contaminated with Pure PCBs in Transformer Oil capacity – 330 Tonnes/Year.

The facts submitted by the industry have been examined. After careful consideration of the facts & materials in record and in the view of the above "Permission to Establish" issued by Chhattisgarh Environment Conservation Board, Raipur vide letter no. 5803/TS/CECB/2016, Raipur, dated 25/02/2016 for Destruction System for High Level or Pure Polychlorinated Biphenyls (PCBs) Liquid Waste and Decontamination of Porous Material Contaminated with Pure PCBs in Transformer Oil capacity – 330 Tonnes/Year is hereby **amended for Destruction system for High Level or Pure Polychlorinated Biphenyls (PCBs) Liquid Waste - 330 Tonnes/Year and Decontamination of Porous Material Contaminated with Pure PCBs in Transformer Oil - 330 Tonnes/Year** and validity of the above "Permission to Establish" is **extended for further period up to 24/02/2022**, subject to fulfillment of the terms and conditions mentioned in the consent to establish / amendment in consent to establish letter and following additional terms & conditions:-

Additional Terms and Conditions:

- (1) Industry shall provide adequate facility for proper treatment of industrial effluent and domestic effluent before commissioning of destruction and decontamination facility. The treated / un-treated domestic effluent shall not be discharged into the river or any surface water bodies under any circumstances. The concept of zero discharge shall be maintained all the time. Industry shall ensure the treated effluent quality within the standard prescribed by Board published in Gazette notification dated: 25/03/1988. Chhattisgarh Environment Conservation Board may further stipulate stringent limit depending upon environmental conditions.
- (2) Condition no. 2 of the "Permission to Establish" is hereby amended as follows :

“This permission to establish is only for Destruction System for High Level or Pure Polychlorinated Biphenyls (PCBs) Liquid Waste and Decontamination of Porous Material Contaminated with Pure PCBs in Transformer Oil capacity – 330 Tonnes per year. Destruction System for High Level or Pure Polychlorinated Biphenyls (PCBs) Liquid Waste shall be based on PLASCO technology and decontamination of Porous Material Contaminated with Pure PCBs in Transformer Oil shall be based on indirect thermal desorption (ITD) technology. **All equipments/reactors/machines shall be electrically operated and high speed diesel shall be used in Boiler and indirect thermal desorption (ITD) technology.**”
- (3) Industry shall provide adequate measuring arrangements for the measurement of water utilized in different categories and effluent generated before commissioning of decontamination facility.
- (4) Industry shall also install suitable & effective air pollution control equipments at all transfer points, junction points etc. before commissioning of decontamination facility. Industry shall maintain fugitive dust emission to the minimum level in the areas of road transportation routes to ensure National Ambient Air Quality Standards prescribed including black topping / asphaltting / concreting and maintenance with requisite water sprinkling arrangements.
- (5) Good housekeeping practices shall be adopted by the industry.
- (6) Wide green belt of broad leaf local species shall be developed along the plant premises. As far as possible maximum area of open spaces shall be utilized for plantation purposes. Green belt / plantation shall be developed within and around the plant premises in at-least 33% area of total plant area. Industry shall carry out extensive tree plantation in and around the premises.

- (7) Industry shall submit Environment Statement to this Board as per provision of Environment (Protection) amendment Rule, 1993 for the previous year ending 31st March on or before 30th September every year.

The other terms and conditions mentioned in Permission to establish issued vide letter no. 5803/TS/CECB/2016, Raipur, dated: 25/02/2016 shall remain unchanged. Please keep this letter along with original Permission to establish letter.

Please acknowledge the receipt of this letter.

For & on behalf of
Chhattisgarh Environment Conservation Board

Member Secretary

Chhattisgarh Environment Conservation Board
Nava Raipur Atal Nagar, Distict-Raipur (C.G.)

Endt. No. 383 /TS/CECB/2021

Nava Raipur Atal Nagar, dated: 17/05/2021

Copy to: - Regional Officer, Regional Office, Chhattisgarh Environment Conservation Board, Durg (C.G.). Please ensure compliance and report, if any condition/conditions are violated by the industry.

Member Secretary

Chhattisgarh Environment Conservation Board
Nava Raipur Atal Nagar, Distict-Raipur (C.G.)