

3. At the time of visit, the Unit was not in operation and was under maintenance, however, Unit has not informed to UPPCB regarding shut down.
4. The Unit has installed electromagnetic flow meters to measure water consumption & treated water recycled in the process however, the log books were not maintained for recording the data on daily basis, and hence the information regarding water consumption and treated water recycled was not available with the Unit.
5. The Unit has not provided the closed loop fibre recovery system.
6. The Unit has provided primary and secondary treatment facilities alongwith DAF clarifier for treatment of wastewater generated in the process. The Unit informed that the treated wastewater is recycled in the process.
7. The Unit has not installed tertiary treatment facility; the claim of the Unit for achieving ZLD through 100% recycling does not seems feasible.
8. The settling tanks provided for primary & secondary treatment were not in proper condition. The hydraulic overflow levels were not properly maintained in those setting tanks. As the Unit was non-operational, the performance of those settling tanks could not get verified, but the condition indicates about the poor state of treatment.
9. Being a ZLD Unit, the discharge outside the factory premises was not permitted, however four illegal outlets were found from the Unit during the inspection. One underground pipe from ETP area was found which may discharge effluent into the adjacent drain, whereas one drain and two channels were provided around boiler & cooling tower area for discharge of wastewater outside the factory premises. Even the wastewater seen logged around the factory premises near boiler & cooling tower area.
10. The sample of wastewater logged around the factory premises near boiler & cooling tower area was collected and analyzed which characteristics showed pH-9.32, TDS -7,032 mg/l, Chloride -2,672 mg/l, Sulphate - 1,567 mg/l indicating that the Unit is discharging its effluent outside the factory premises.
11. The sludge drying beds (SDBs) were not properly designed /maintained. The provisions for percolation of water from SDBs were chocked, and waste water alongwith sludge was flowing into the adjacent area.
12. Large number of chemically contaminated empty drums/containers was kept on ground and it was informed that those drums/containers are either sold to scrap dealers or given back to suppliers. The records regarding generation & disposal of these drums/containers are not maintained.
13. The bottom ash & fly ash was disposed near the SDB area. As per the information ash is disposed into the low lying area. However, as per the local residents the ash is dumped outside the factory area in an unscientific manner and affecting the crops & environment in the area.
14. The Unit has not provided any information except copies of the water & air consents. Even records/information regarding water consumption, wastewater generation & treatment, treated water recycled Air pollution control devices and solid & hazardous waste management were not provided by the unit and as informed they are not maintaining most the records.
15. The Unit has not provided connectivity for online effluent monitoring data transmission to CPCB server.

WHEREAS, CPCB issued show cause notice for closure to the Unit on July 1, 2016 under section 5 of the Environment (Protection) Act, 1986 to carryout following suggestive pollution control measures besides other required measures for abatement of pollution in a time bound manner as prescribed under the Charter:

1. To install tertiary treatment system and mechanical sludge handling system
2. To carryout complete material and water balance of the mill to justify the claim of ZLD through CPPRI and to submit that report to CPCB /UPPCB.
3. To provide process water treatment scheme if any, along with quality parameter of process before and after every treatment step.
4. No effluent storage facility should be allowed.
5. To augment equalization tank capacity and make provision of air mixing arrangement.

6. In case the Unit is not at ZLD, the Unit to submit action plan along with ETP adequacy assessment report prepared by CPPRI.
7. To dismantle/trap all the bypass arrangements and effluent should not be discharge outside the factory premises.
8. To install tertiary wastewater treatment facility and closed loop fibre recovery system without further delay.
9. To maintain the logbooks for flow measurement and other requisite entries and made available to the inspection team as and when required.
10. To carryout upgradation/maintenance of primary and secondary effluent treatment facilities and existing sludge drying beds.
11. To strictly follow the guidelines for disposal of fly ash and bottom ash and maintain the subsequent records.
12. To maintain the records on generation of chemically contaminated drums/ containers and ensure its safe disposal in accordance with Hazardous Waste (MH&TM) Rules, 2008.
13. To carryout groundwater monitoring around the factory area to see the impact of effluent percolation on groundwater (if any) and submit detailed report to CPCB.

AND WHEREAS, the Unit vide letter dt. 5.8.2016 submitted compliance report to CPCB, which was examined; and

WHEREAS, the Unit was inspected by the officials of CPCB on Sept 16, 2016 and made the following observations:

1. On the day of inspection, the Unit was not in operation due to maintenance shut.
2. Filtration units of tertiary treatment system are placed in Unit's premises and need to be installed while for mechanical sludge handling system, order was placed.
3. The Unit informed they asked CPPRI for carrying out complete material and water balance however, visit of CPPRI officials is awaited.
4. Augmentation work in equalization tank was under progress which will be completed within 1-2 weeks.
5. Out of four bypass arrangements, Unit has trapped two whereas underground pipeline is yet to be dismantled and one drain outlet near rice husk storage area is yet to be trapped.
6. Up-gradation of aeration tank was under progress, up-gradation/maintenance of clarifiers was yet to be scheduled and Unit has not done any improvement in SDBs.
7. The Unit informed they are maintaining records of fly ash and bottom ash disposal however, they did not showed details to the inspection team.
8. No records of chemical containers/ drums were being maintained. The Unit has stacked all the containers on the ground.

AND WHEREAS, the Unit was issued closure direction dated 27.10.2016 under section 5 of the Environment (Protection) Act, 1986; and

WHEREAS, the unit was inspected on 26th May, 2017 to verify the compliance of closure direction issued by CPCB to the unit and found operational; and

WHEREAS, the unit reply dated 25.08.2017 was examined and following observations are made:

1. Tertiary treatment and mechanical sludge handling system installed.
2. Air mixing in equalization tank installed
3. Electromagnetic flow meter installed to measure water consumption and recycling.
4. OCEMS installed and connected with CPCB server.
5. Third party analysis report for ground water is provided.
6. The unit has applied for consent online under Water/Air acts.
7. The unit submitted adequacy assessment report prepared by CPPRI.

AND WHEREAS, the unit M/s **Bajaj Kagaj Udyog, Unnao** was inspected by CPCB on 10.10.2017 for compliance verification of the direction issued to the unit and observed following:

1. The Unit has provided diffused aeration system in Equalisation tank and Aeration tank Carbon Filter (Capacity 80 m³) has been installed for treatment of wastewater received from Secondary Clarifier. A provision (Capacity: 80 m³) for storage of treated water for recycling has also been made.
2. Belt press for mechanical sludge handling is installed.
3. In addition to sedi-cell, the unit has provided a DAF for fibre recovery.
4. The Unit has its own land (Appx. 07 acre) for utilising treated water for irrigation if permitted.
5. Electromagnetic flow meters are installed at bore-well, final outlet of ETP and pipeline carrying treated wastewater for recycling.
6. Online effluent monitoring system are installed and connected to CPCB server.
7. Fly-ash is used for land filling.
8. The industry has dismantled all old pipes observed previously as by-pass line. Dedicated underground pipeline (with manholes) to carry wastewater from process yard to ETP is provided. Pipeline to carry treated wastewater for discharge into Loni drain, flowing adjacent to the Unit, exists.
9. The consent was valid upto 31.12.2016. The Unit has applied on 07.10.2016 for renewal of consent.


AND WHEREAS, CPCB constituted a three-member committee vide office order dated 27.09.2017 for examination & recommendation of representations from the unit regarding revocation of the closure direction issued by CPCB; and

WHEREAS, the three member committee in its meeting held on 22.11.2017 examined the representations from the Unit and recommended that the Unit may be allowed to resume operation; and

NOW, THEREFORE, in view of the above observations and in exercise of the powers, delegated to the Chairman, CPCB under section 5 of the Environment (Protection) Act, 1986, the Unit M/s **Bajaj Kagaj Udyog, Unnao**, Uttar Pradesh, is hereby directed to comply with following directions:

1. The unit shall **remain closed** and shall resume the manufacturing operations only after obtaining valid consents under Water/Air Acts from UPPCB and inform to CPCB about the date of resumption of operation.
2. The unit shall ensure to provide the data connectivity for OCEMS on CPCB server continuously.
3. The unit shall provide Effluent analysis report within 30 days from the date of resumption of operation by EPA, 1986 recognized lab.

In case of default in compliance with the above directions, CPCB will be constrained to initiate appropriate actions against the unit, without giving any further notice, in accordance with provisions of the Environment (Protection) Act, 1986.


(S.P. SINGH PARIHAR)
CHAIRMAN

05.12.17 Contd...

01/11

Handwritten signature

Copy to:

1. The Member Secretary,
Uttar Pradesh Pollution Control Board
Building No. TC-12V, Vibhuti Khand,
Gomati Nagar, Lucknow : [To ensure compliance of the directions]
2. The Incharge, Northern Zonal Office,
Central Pollution Control Board,
PICUP Bhawan, Vibhuti Khand,
Gomati Nagar, Lucknow
3. The Advisor (CP Division).
Ministry of Environment, Forests & Climate Change,
Indra Paryavaran Bhavan,
Jor Bagh Road, New Delhi - 110 003
4. Superintending Engineer : [With a request to re-connect the electricity
Madhyanchal Vidyut Vitaran Nigam Ltd., supply to the Unit]
Distt. Unnao, U.P.
- ✓ 5. The Incharge IT Division, CPCB, Delhi
6. Master copy (Pulp & Paper), PCI-III, CPCB, Delhi


(A. SUDHAKAR)
MEMBER SECRETARY