



# PROJECT ENGINEER *for*

National Mission for Clean Ganga- Development, Rehabilitation with  
Operation & Maintenance of STPs at Kanpur under Hybrid Annuity based PPP mode

## Shah Technical Consultants Private Limited

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Ref STC / PE / KNP /2188/Jajmau Phase 1

Date: 10/05/2024

To,  
Superintending Engineer  
Construction circle  
Uttar Pradesh Jal Nigam  
(Rural) Kanpur,UP.  
Email: seupjnknpp@gmail.com

**Sub: HAM KANPUR: Joint inspection report of Jajmau phase 1 Facilities**

Dear Sir,

With reference to above noted subject the Joint inspection of Nawabganj IPS, Parmath IPS, Babaghat IPS & Guptarghat IPS facilities of Jajmau 130 MLD STP held on 08/05/24 & 09/05/24 with Shri Bipin Pal APE (UPJN). The Joint inspection report enclosed for information.

Please direct KRMPL to comply the deficiencies mention.

Yours sincerely

(Anil Kumar Seth)  
Team Leader, STC Kanpur

Copy to the following for information & necessary action:

1. Mr. Rajat Gupta, SWMS, NMCG, New Delhi
2. Chief Engineer, Kanpur Zone, UP Jal Nigam, Kanpur.
3. PM-I, PM-E&M, GPCU, UP Jal Nigam, Kanpur.
4. Mr. P.C. Shukla, Concessionaire's Representative
5. Project Manager, Kanpur River Management Pvt. Ltd., Kanpur

## **Joint inspection of Nawabganj and Paramat Dated 08/05/24**

### **Nawabganj IPS 15 MLD:**

#### **DG Set**

- Alternator coil of DG set has burnt on 30/04/24 so DG is non operational.

#### **Pump status**

##### **Pump House no 1.**

- Total pumps 3nos
- Operational 2nos.
- 1 no Pump not installed due to defect for last 6 months.

##### **Pump House no 2.**

- Pump installed 4 nos
- Operational 2 nos
- 1 no Pump burnt for last 8 months and 1 no non operational due to defect in NRV valve.

#### **Starters**

- Starters are not installed on walls and are being used .They are layed on floor.

#### **Electrification**

- Internal and external electrification is insufficient

#### **Maintenance and repair**

- Maintenance and repair is very poor. No painting of pump houses, no repair works.
- Replacement of door/window pending
- Approach road & campus development pending.
- Scrap shifting pending.
- New Exhaust fan to be installed
- Flow meters are to be installed.
- Main valve handle to be repaired.
- New PDB and exhaust fans are to be installed.
- Ladder and screen to be installed in sump
- Minor boundary wall to be repaired.

#### **Safety issues**

- Operator and sweeper are working without PPE

- During the inspection it was found that there is neither safety arrangement of excavated area and nor covered open sump.



## **Paramath 56 MLD IPS**

### **Pump Status**

#### **Pump House no 1**

- Total pumps 2 nos
- Operational 1 no
- 1 no Non operational for last 2-3 months.

#### **Pump House no 2**

- Total pumps 3 nos
- Operational 1 no
- Wrong supply of 2 nos pumps direction of rotation problem.

### **HT panel**

- HT panel bye passed. No protection available.

### **Safety issues**

- Operator and sweeper are working without PPE
- During the inspection it was found that there is neither safety arrangement of excavated area and nor covered open sump.

### **Maintenance and repair**

- Maintenance very poor. No painting, no cleaning and no repair.
- Internal lightning pending.
- Dewatering pump not working.
- Renovation of DG room
- supply and installation of valves
- Replacement of door/window pending
- Approach road & campus development pending.
- Scrap shifting pending.
- New Exhaust fan to be installed
- Flow meters are to be installed.



## **Joint inspection of Babaghat and Guptarghat Dated 09/05/24**

### **Babaghat 7 MLD IPS**

#### **Pump status.**

- Total 3 nos pump. 2 nos of 40 hp & 1 no of 20 hp
- 2 nos 40 hp pump Operational.
- 1 no 20 hp pump Non operational for the last 1 year

#### **Starters**

- 3 nos starter have not been installed on wall but kept on floor over bricks.

#### **D G set.**

- Servicing done on 08/01/24 but radiator cleaning is pending. Leakages were observed in diesel feeding pipes.

#### **Safety issues**

- Operator and sweeper are working without PPE
- During the inspection it was found that there open sump not covered properly.

#### **Maintenance & repair**

- Exhaust Fans not working .Not replaced.
- Lighting arrangements are very poor
- PDP Not replaced.
- Mono rail lifting arrangement not repaired/ replaced.
- Boundary Wall damaged to be repaired.
- Repairing of door & window.





## **Guptarghat 3.5 MLD IPS**

### **Pump Status.**

- 4 nos pump of 25 hp
- 3 nos Operational
- 1 no non operational from 26/04/24

### **Flow meter**

- Not working for last 3 months

### **HT panel**

- CT/PT problem not rectified for 6 months.
- Maintenance of full panel is required.
- HT panel bye passed. No protection available.

### **Maintenance & repair**

- Light fittings Very poor. Fittings not replaced
- DG set non operational from 07/05/24.
- One transformer has not been connected for last 1 year
- Mechanical screen.2 nos installed but non operational for last 2 months
- Level sensors not working.
- Operator and sweeper are working without PPE.
- The garbage was found near screen chamber since long and has not been disposed off.

This IPS is New (2018)







**Note-**

- From inspection it appears that all IPS are neglected and are not attended properly.
- It is serious situation that for attending any defects months/years are taken.
- Salaries of staff not dispersed for the last 2/3 months and lot of resentment is there.
- Responsibility need to be fixed now.
- Safety norms are not followed strictly at all sites sump covers in side pump house were found open for no reason.