

## **Inspection of Nawabganj, Paramat, Babaghat & Guptarghat Dated 23/09/2024**

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

#### **DG Set**

- All the three coils of DG set alternator have burn. DG completely non operational. Coils have gone for repair but have not come so far.

#### **Pump status**

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

- Total pumps 3nos (20 HP- 1 no, 40 HP- 2 nos)
- 40 HP 1 no operational and other non operational due to terminal plate.
- Only 2 pump sets 40 HP one no. and 20 HP one no. is operational.

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

- Pump installed 4 nos (40 HP-2nos & 20 HP-2 nos)
- One no: 40 HP was operational an one no. 20 HP operational
- 40 HP 1 no gone for repair, 20 HP 1no NRV valve chocking, 20 HP 1 no bearing problem.

#### **Starters/Panel**

- New panels for pump house no 1 and pump house no 2 have come. Shifted inside room but knobs and doors are to be repair and commissioned.
- 90 KVAR APFC panel installed and is to be commissioned.

#### **Electrification**

- Internal and external electrification is insufficient

#### **Maintenance and repair**

- Maintenance is very poor. No painting of pump houses & its repair works have been done.
- Replacement of door/window pending
- Approach road & campus development pending.
- Scrap shifting pending.
- New Exhaust fan are to be installed
- Flow meters 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 (each 100 HP)
- 1 no operational
- 2<sup>nd</sup> no Non operational for last 3-4 months.

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

- Total pumps 3 nos (each 125 HP)
- Operational 1 no
- Wrong supply of 2 nos pumps direction of rotation problem./ delivery modification pending.

### **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 of civil work 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.
- New panels have reached at site they are to be installed properly inside the room.
- Scrap shifting pending.
- New Exhaust fan to be installed
- Flow meters are to be installed.

### **Babaghat 7 MLD IPS**

#### **Pump status.**

- Total 3 nos pump. 2 nos of 40 hp & 1 no of 20 hp
- 1 nos 40 hp pump Operational. Other 40 Hp pump has broken as it fail down from chain pully. Housing broken.
- 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. New panels have reached at site with starter built in. Proper installation and commissioning pending.

#### **D G set**

- Servicing done on 08/01/24 but radiator cleaning is pending & fuel pump not working. Leakages were observed in diesel feeding pipes. DG non operational.

#### **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
- Mono rail lifting arrangement not repaired/ replaced.
- Boundary Wall damaged to be repaired.
- Repairing of door & window.

## **Guptarghat 3.5 MLD IPS (New 2018)**

### **Pump Status.**

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

### **Flow meter**

- Not working for last 4 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 3 months
- Level sensors not working.
- Operator and sweeper are working without PPE.
- Only conduit layed. Wires are to be fixed inside.

### **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.
- Safety norms are not followed strictly at all sites sump covers in side pump house were found open for no reason.