

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 and 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
- 2nd 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.