

Joint Inspection Report of 5 MLD STP Shuklaganj 19.02.2025

1. Specific Points related to the site inspection

- i. Total of manpower/workers were deployed at the site as reported by KRMPL:

SN	Particular	No. of workers
i.	Skilled	22
ii.	Unskilled	39
	Total	61

- ii. During Joint visit with UPJN(R), progress of different STP components was checked as per the approved construction plan and it was found that progress of 05 MLD STP is moderate. Total progress was found 82.0%.

2. Report of various unit-

A. I&D Structure-

- i. Work of I&D structure is in progress. Reinforcement & shuttering work of wall is done. The casting of the all lift of the wall was done without informing UPJN and STC. In Approach channel, inlet channel and screen channel finishing and hydro test is pending.
- ii. During Site visit we found minor cracks are visible due to lack of curing.
- iii. Manual Screen's , Hand Rails are installed.



B MPS- Column upto roof slab and walkway work is still pending. KRMPL needs to do hydro testing with clear water as per CEPHEEO MANUAL and IS code3370 in presence of UPJN & STC. It was advised to use new steel for Reinforcement work .



C PTU- Most of Steel found corroded. PTU, Column work completed and slab shuttering and reinforcement work is in progress. In Inlet chamber slab area finishing work, hydro test is pending. In Grit chamber and parshall flume RCC wall & slab, walk way, platform and hydro test pending. Stair casting done and connecting channel column on progress.



- B. SBR-** In SBR connecting channel, supporting column, walkway platform, RAS & WAS pump platform column finishing hydro test are pending. Selector zone wall pipe support beam reinforcement on progress. Decantor foundation 1st Basin are completed.
- C. SBR Staircase** second lift is pending.



Admin building cum Blower room- In admin building room first floor and second floor slab work are completed, brick work are in progress. IPS flooring, electrification, sanitary fitting & plumbing. In blower room roof slab are completed, brick work are in progress. IPS flooring, roof treatment & finishing works are pending.



D. Staff quarter- Electric work, plumbing, sanitary fittings, floor, roof treatment, drainage, finishing and painting works are pending.



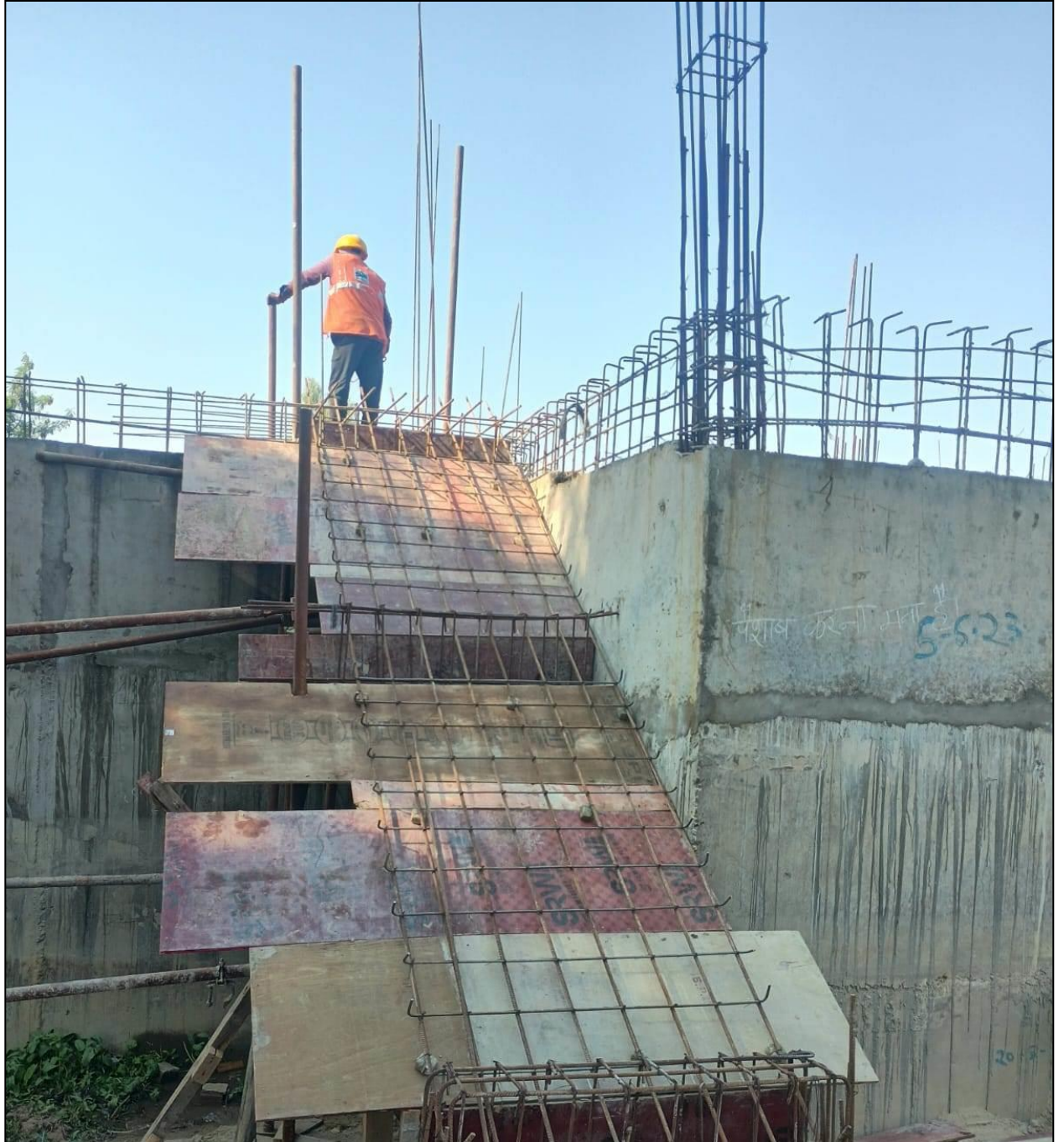
- E. Guard Room-** Electric work, plumbing, sanitary fittings, floor, roof treatment, drainage, finishing and painting works are pending.
- F. Transformer & DG Yard-** Staircase, finishing, approach and painting works are pending.
- G. CCT & Chlorination building** - In CCT outlet channel work, finishing of outlet chamber, grinding, finishing and painting works are pending. In building foundation of tonner, Electric work, plumbing, floor, finishing and painting works are pending. Booster pump and fitting pump can be install.



H. Sludge Thickner & Supernatant Pump- finishing, painting and hydro testing are pending. Scraper is installed.



- I. **Centrifuge Building-** First and second floor slab work is pending, column and beam work is in progress. Stair work is in progress.



- J. **Boundary wall-** 88% work of boundary wall completed. Plaster work of boundary wall is in progress.
- K. **Manhole**
During inspection it was found that the manhole work was completed. They were constructed time to time without information to UPJN & STC and. And therefore quality cannot be assured.
- L. There is no any work progress in work of Rising Main, sludge storage platform and

site development.

M. During inspection UPJN & STC instructed KRMPL to cover the all excavated area places with proper safety signals.

N. HT panel & metering room- Plinth beam work completed. Column, brick work and slab works are completed. Painting, Flooring & Finishing work is pending.

Pending Materials

Mechanical

1. Centrifuge 2 nos.
2. Coarse screen for MPS
3. Fine screen for PTU
4. 40 mm -400 mm valves 35 nos

Electrical

5. LT Panel
6. APFC Panel