

INSPECTION REPORT OF 30 MLD STP& IPS FACILITIES AT PANKHA

An Inspection of 30 MLD Pankha STP construction site and associated IPS facilities was jointly conducted by PE and UPJN officials in the presence of KRMPL Representatives, and our findings are noted below.

Dates of Inspection	03/11/2022 & 07/11/2022
Inspection Team	Mr. R. K. Sharma, CE, UPJN, Kanpur Mr. Gyanendra Choudhary, PM-1, UPJN, Kanpur Mr. Rohit Yadav, J.E. Civil, UPJN, Kanpur Dr. Giridhar Prabhukumar, Team Leader, STC Kanpur Mr. Satish Kamaraju, Sr. Process Engineer & Expert, STC Kanpur Mr. Sunil Bastukar, Sr. Mechanical Engineer & Expert, STC Kanpur Mr. Anil Kumar Seth, Sr. Electrical Engineer & Expert, STC Kanpur Mr. Ajay Kumar Goyal, Support Engineer-Mechanical, STC Kanpur Mr. Priyesh Shukla, Supprot Engineer-Civil, STC Kanpur
KRMPL Personnel	Mr. Shawaz, Mechanical Engineer, KRMPL, Kanpur Mr. Raman Kundu, KRMPL, Kanpur Mr. Soumitra Sen, KRMPL Kanpur Mr. Ansari, KRMPL Kanpur
Location	Pankha, ICI Nallah & Sundar Nagar, Kanpur

30 MLD STP at Pankha

I. General:

1. Installed equipment by KRMPL at Jajmau Phase 1 and other locations have failed and had to be either re-commissioned after breakdown maintenance or still under maintenance. Therefore, it was directed to perform these tasks in the presence of the E&M manufacturer along with UPJN & STC. There were no E&M OEM found on site at Pankha STP and IPS locations.
2. It is to be noted that, commissioning of all mechanical, electrical and instrumentation equipment are not possible until testing equipment (vibration meter, temperature meter, and tachometers etc,) are supplied by KRMPL as per CA schedule 11. Testing equipment were not provided on site by KRMPL for testing installed equipment.
3. During visit it was noticed that at most of the civil structures, finishing, painting, hand railing paint etc works were not completed by KRMPL. KRMPL was directed to

submit the microplanning for the same and plan accordingly to complete the whole STP in every aspect by 20.12.2022 as committed at the HAM Kanpur Project Progress meeting held on 01.11.2022

4. As committed by KRMPL during NMCG meeting held on 01.11.2022, the KRMPL personnel on site were instructed to commission the system as per the following schedule:

a.	Sundar Nagar Completion	30 th Nov 2022
b.	Sundar Nagar sewage intake	20 th Dec 2022
c.	ICI Nalla completion	15 th Nov 2022
d.	CCT completion at STP Pankha	15 th Nov 2022
e.	Road Restoration	20 th Nov 2022
f.	Power Connection	20 th Nov 2022
g.	Apply for applicable permits	02 nd Nov 2022
h.	Complete RFI in presence of OEMs	15 th Nov 2022
i.	Completion of 8 th Milestone with Full plant Automation; Site development.	20 th Dec 2022

5. Manpower Deployed at the site was found to be low. PE & UPJN Team inspected the site on 03.11.2022, and during site inspection it was observed that only 37 nos. manpower (Civil, E&M) were deployed at the site. It seems that with the present manpower deployed at the site the Concessionaire would not be able to complete the work and meet the target dates noted above. Therefore, it was recommended to increase the manpower for completing the work with all respects and also as per above mentioned schedule.

Total Manpower deployed on 03.11.2022 at 30 MLD STP Pankha	
Civil Manpower	10 nos.
Mechanical manpower	7 nos.
Total Manpower deployed on 03.11.2022 at 25 MLD ICI Nalla IPS	
Civil Manpower	8 nos.
Mechanical manpower	0 nos.
Electrical manpower	0 nos.
Total Manpower deployed on 03.11.2022 at 20 MLD Sundar Nagar IPS	
Civil Manpower	10 nos.
Mechanical manpower	0 nos.
Electrical manpower	0 nos.



Fig 1: Total manpower deployed at ICI Nalla on 03.11.2022

6. Approved Windows and Doors schedule were not provided onsite by KRMPL for inspection / verification of the same.
7. Safety measures were not taken at various construction locations:
 - i. Safety signs were not posted wherever necessary at all construction locations where work was ongoing. KRMPL safety personnel were instructed to post safety signs boards for the protection of workers and general public in the vicinity.
 - ii. Barricading was not in place for fall protection at Thermal Nallah A (along the roadside), at excavated areas at the sewer laying / Manhole construction locations, at Sundar Nagar IPS and Pankha STP.
 - iii. Appropriate PPE, including hardhats, steel toe shoes and safety harness, were not worn by workers onsite.
 - iv. Dust mitigation measures were not taken at sewer laying areas, at Pankha STP and at Sundar Nagar IPS.
 - v. Road restoration work quality was found very poor. CE, UPJN and rest of the inspection team raised concerns regarding public safety due to the road conditions created by the work and negligence of KRMPL. CE strongly directed PM, KRMPL to,
 - a. Remove excess excavated material from the roads and move them to fill the area within ICI nallah IPS.
 - b. Re-do the restored road sections as they were in very poor condition.
 - c. Complete rest of the road restoration works at the earliest.
 - d. Barricading to be done around the excavated location.
 - e. Install appropriate shoring for the safety of the construction workers inside manholes.

II. Main Pumping Station (MPS):

1. Inlet mechanical screen was not found in operation. Presence of E&M OEM is required for the rectification and proper commissioning of the screen.
2. Staircase have not been constructed for receiving chamber.

3. Monorail installation work was under progress (Fig 2). Also, its painting work was found pending.
4. Electrical hoist installation is incomplete. It is to be noted, that “shrouded bus bar” has not been installed till date. Both stiffeners should be installed as per approved drawing (Fig 3). Also, trial run of the hoist is required for the electrical hoist as per approved QAP and acceptance certificate of the installation is required from the OEM.



Fig 2: Monorail Installation

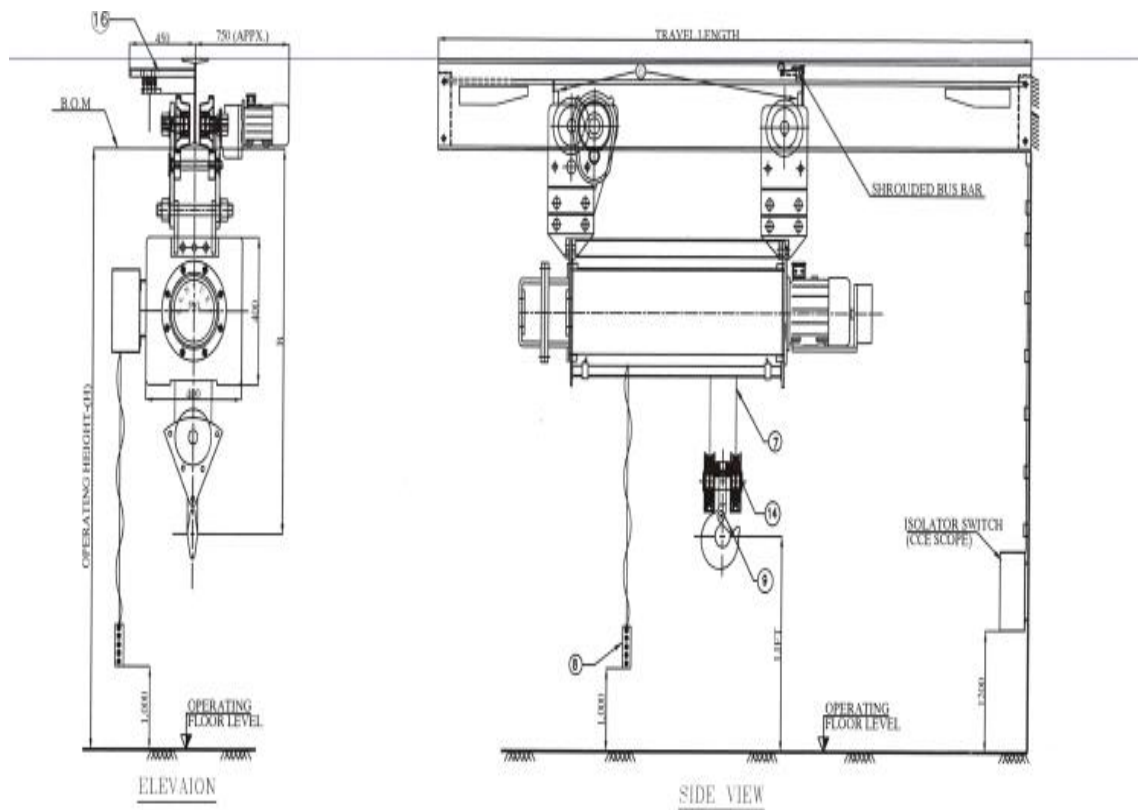


Fig 3: Approved drawing for Electrical hoist

5. All openings to be covered with checkered plate/gratings.
6. Inlet Pumps:
 - i. Hydro test for Pumps discharge line is pending.
 - ii. Performance test is required for pumps in the presence of OEM.
 - iii. Pumps are functional except 1 no. Pump which need to be rectified.
7. Internal lighting & switch work was in progress & lighting protection work is pending.
8. 08 nos. tube light are working, and balance tube lights are not installed.
9. Cable dressing is to be completed.
10. Plinth protection, surface roof treatment work and fixing of rainwater drainpipe are pending.
11. Final coat of painting work is required to be done.
12. Handrailing work is incomplete.
13. Ramp work needs to be done by KRMPL.
14. Outer face painting work needs to be done.

III. Primary Treatment unit (PTU):

1. Testing of Mechanical screen and Mechanical grit chamber I & II is to be performed in the presence of OEM, UPJN & STC. The same should be scheduled

and RFI call for Mechanical screen and Mechanical grit chamber I & II should be raised as soon as possible.

2. Flow meter is installed in the parshall flume but its commissioning and termination work is still pending.
3. Manual flow measurement scale is to be installed in the Parshall flume.

IV. **Guard Room:**

1. Internal electrification, fittings including ceiling fan is completed & tested.
2. Exhaust Fan Frame is to be installed.
3. Plinth protection, surface roof treatment work and fixing of rainwater drainpipe are pending.
4. Final coat of painting work is required to be done.
5. Gap between aluminum doors, windows and finishing of plaster work needs to be rectified.

V. **Staff Quarter:**

- i. Internal electrification, fitting including ceiling fan completed & tested. Exhaust Fan Frame is to be installed.
- ii. Plinth protection, surface roof treatment work and fixing of rainwater drainpipe are pending.
- iii. Final coat of painting work is required to be done.
- iv. Gap between aluminum door, windows and finishing of plaster work needs to be rectified.

VI. **Metering Room:**

- i. KESCO meter installation, internal electrification, & earthing work are completed.
- ii. Exhaust fan louver to be fixed.
- iii. Plinth protection, surface roof treatment work and fixing of rainwater drainpipe is pending.
- iv. Final coat of painting work is required to be done.
- v. Gap between aluminum doors, windows and finishing of plaster work needs to be rectified.

VII. **HT VCB Room:**

- i. Panel has been installed, and charging has been done. Internal electrification and earthing work are completed & also testing has been done. Lighting protection termination has been completed.
- ii. Plinth protection, surface roof treatment work and fixing of rainwater pipe is pending.
- iii. Final coat of painting work is required to be done.
- iv. Gap between aluminum doors, windows and finishing of plaster work needs to be rectified.

VIII. MCC Panel room:

- i. All panels have been installed & tested.
- ii. DG Synchronizing Panel testing is pending.
- iii. Earthing & Tray work has been completed.
- iv. Light fitting work is done.
- v. Lighting protection termination is pending.
- vi. Plinth protection, surface roof treatment work and fixing of rainwater drainpipe are pending.
- vii. Final coat of painting work is required to be done.
- viii. Rolling shutter needs to be fixed.

IX. PLC Panel Room:

- i. BOP PLC Panel Cable laying & termination work were in progress.
- ii. SBR C-Tech panel cable dressing work is pending.
- iii. Cable gland is observed to be loose for both the SBR Panel & BOP Panel.
- iv. SCADA Screen for SBR and BOP shall be submitted for review.
- v. The concessionaire shall provide Air conditioner for control room.
- vi. PLC panel body earthing shall be isolated from electrical earth.
- vii. The PLC panel has been powered up without Instrumentation earth, the concessionaire shall connect the instrumentation earth immediately.
- viii. The DO analyzers shall be installed to continuously record the dissolved oxygen level at every grid within each SBR basin. KRMPL has not taken the supply and installed the DO analyzer as per CA requirement till date.
- ix. Inlet flow meter
 - i. The concessionaire has not yet installed the Electromagnetic flow meter at the common discharge of the MPS pumps. Required upstream and downstream lengths are to be maintained between its fittings as per CPHEEO.
 - ii. The concessionaire shall provide the required chamber in RCC for installation of the flow meter. Design drawings for the same has also not been submitted.
- x. Plinth protection, surface roof treatment work and fixing of rainwater drainpipe is pending.
- xi. Final coat of painting work for rolling shutter is required to be done.
- xii. Final flooring works needs to be done.
- xiii. Panel Room Lighting to be rectified – Lights not working and misaligned (Fig 4).



Fig 4: Panel Room Lighting

X. Transformer yard:

- i. Tray for control cable dressing work is completed.
- ii. Transformer is charged and neutral earthing is completed.
- iii. Transformer Gravel filling work is pending.

XI. Blower Room:

- i. Heavy corrosion (Fig 5) was observed, which has to be sandblasted /surface treatment/repair damaged pipe sections and wrapping coating of underground pipes is still pending and KRMPL needs to complete as per IS code: 10221 (2008) and as per CA schedule 11. This has been informed many times but still KRMPL has not taken any action in this regard.
- ii. Temporary endplate needs to be replaced with IS standard Blind Flange. This does not conform with the approved GA drawings of Piping for blower room.



Fig 5: Heavy corrosion in the blower discharge line

- iii. Pneumatic testing/Hydro test for the discharge line of the blower is pending.
- iv. LBPS mounting, cable laying completed in tray.
- v. All 06 motors tested on load.
- vi. Installation of 2 Nos. lights & power switch is pending.
- vii. Exhaust fan termination work done.
- viii. Plinth protection, surface roof treatment work and fixing of rainwater drainpipe are pending.
- ix. Final coat of painting work is required to be done.
- x. Rolling shutter needs to be fixed.
- xi. Final flooring works needs to be done.
- xii. Seepage needs to be rectified.

XII. SBR Basin:

- i. Termination work of light poles (5 nos.) on basin 3 & 4 has been done.
- ii. Plaster work of staircase needs to be done.
- iii. SBR Tanks Leakage needs to be rectified.
- iv. Flooring work of platform needs to be done.
- v. Handrailing work is pending and needs to be completed by KRML.
- vi. Outer painting work needs to be done.

XIII. Centrifuge Building:

- i. Light fitting work in feed pump house has been completed.
- ii. Testing of all equipment installed in the centrifuge building is pending.
- iii. Agitator cable termination work done.
- iv. Cable dressing not done properly; work is in progress.
- v. Plinth protection, surface roof treatment work and fixing of rain water pipe is pending.
- vi. Final coat of painting work is required to be done.

- vii. Final flooring works needs to be done.
- viii. Ground floor work needs to be done.
- ix. Handrailing work is pending and needs to be completed by KRMPL.

XIV. Supernatants Sump:

- i. Railing strobe fixed and cable trays work was in progress. LPBS installation was under progress.
- ii. Cable dressing and termination of pump done.
- iii. Plinth protection, surface roof treatment work and fixing of rain water pipe is pending.
- iv. Final coat of painting work is required to be done.
- v. Final flooring works needs to be done.
- vi. Handrailing work is pending and needs to be completed by KRMPL.
- vii. Outer painting work needs to be done.

XV. Chlorination Room:

- i. Panel commissioning was reported to be completed.
- ii. Cable trench & termination of recirculation blowers are pending.
- iii. Light DB termination work done.
- iv. Plinth protection, surface roof treatment work and fixing of rain water pipe is pending.
- v. Final coat of painting work is required to be done.
- vi. Handrailing work is pending and needs to be completed by KRMPL.
- vii. Staircase steps needs to be done.
- viii. Outer face painting work needs to be done.

XVI. Outdoor Lighting:

- i. Pole (7m), 4 nos. poles are pending.
- ii. Pole (2.8 m), 2 nos. poles are pending

XVII. DG sets:

- i. DG isolation panel 1 no. commissioning done
- ii. 2nd DG and isolation panel need to be commissioned.
- iii. Civil foundation & Exhaust chimney installation works are pending for over 1 year. KRMPL has not started the work till date.

Exhaust Chimney & Foundation works Pending at 30 MLD Pankha

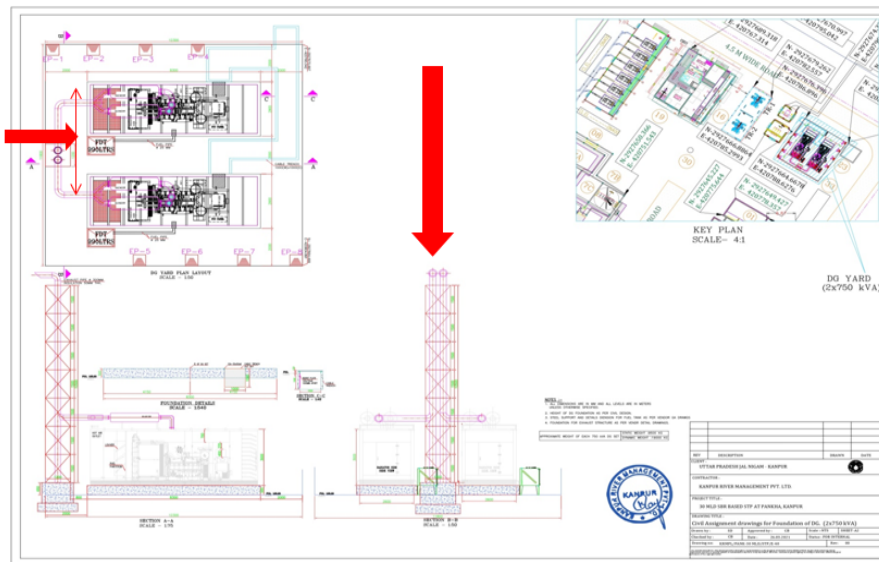


Fig 6: Approved drawing for exhaust chimney & Foundation work for DG set

XVIII. **Sludge Thickener:**

- i. Light fitting of 1 no. is pending
- ii. Load cell supply is pending.
- iii. Handrailing work is pending and needs to be completed by KRMPL.
- iv. Outer painting work needs to be done.

XIX. **Boundary wall, Road work, Pathway, drain, landscaping work:**

- i. Balance boundary wall, roadwork, approach road, storm drains and landscaping work are pending.

19. **Sewer Laying Manhole work:**

- i. During the joint inspection with CE, KRMPL was asked to STOP WORK. Proper shoring, barricading was not provided. Excess excavated material was creating safety issues and hinderance to general public were asked to be removed from site before restarting any work at this location (Fig 7).



Fig 7: Manhole construction without safety arrangements (barricading, shoring, etc.) near 4 ATM Tiraha, Gangaganj, Pankhi, Kanpur

ICI Nalla IPS

1. It was noted that during the recent rains, the ICI Nallah IPS site had flooded in October 2022 and the water mark was found on the boundary wall, was measured and confirmed that the water level within the campus had reached 122.42m, while the HFL of 119.61m was taken for design & construction of the facility. It was noted that the ICI Nallah IPS site was flooded during 2021 and 2022 monsoon season and site was in submerged condition for 2 to 3 weeks. CE, UPJN instructed to take all necessary corrective action to prevent future flooding within ICI Nallah IPS campus. KRMPL agreed for the same and committed to take necessary action within 1 week.
2. It is to be noted that KRMPL has taken raw sewage in the ICI nalla IPS without prior information to UPJN & PE. This is in violation of CA terms. KRMPL was informed that they will solely be responsible for any accident or damage to facilities due to such actions. There are still pending supply & installation works on the pump discharge pipeline, including installation of required valves NRVs, etc., which are required for safe operation of pumps. PE has issued a letter in this regard and KRMPL is yet to comply.

3. It was noticed that at most of the civil structures, finishing, painting, hand railing paint, etc. works are not completed. KRMPL was directed to submit the microplanning schedule for the same and complete the whole STP in every aspect by 15.11.2022 as was committed at HAM Kanpur Progress meeting held on 01.11.2022.
4. Despite repeated directions from NMCG & UPJN officials and written recommendations of PE, and failure of almost all newly installed equipment by KRMPL personnel at Jajmau Phase 2 facilities, KRMPL continued to install and commission E&M equipment without any supervision of OEMs at ICI Nallah facility. It was reiterated to KRMPL onsite that installation, commissioning, and trial runs should be performed in presence of respective OEM personnel along with UPJN and PE. Also written notification should be submitted to UPJN & PE in advance any installation & commissioning activity is scheduled at site.

5. Receiving Chamber:

- i. Inlet Weir Sluice Gate (Size 3000mm x 500mm):
 - a. It has not been installed as per approved drawing. It is to be noted that, KRMPL used the structure steel arrangement (Fig: 8) for supporting the connecting pipe support bracket & Pillar of the Sluice Gate. As per approved drawing (Fig 9) RCC structure should be used instead of structure steel arrangement. This indicates the technical negligence from KRMPL's end.
 - b. sluice gate installation & commissioning was not performed in the presence of OEM personnel.
 - c. KRMPL was advised to get the Sluice Gate installation certified by OEM for acceptance.



Fig 8: Weir Sluice gate (Size 3000X500mm)

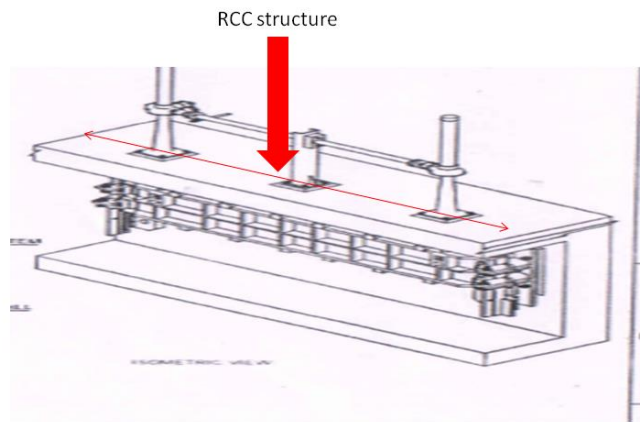


Fig 9: Approved Sluice Gate drawing

- ii. Manual screen has been installed by KRMPL without fixing anchor fasteners (Fig. 10) as per approved drawing. It should be fixed before taking the raw sewage.
- iii. KRMPL has not completed finishing work at all civil structures.
- iv. KRMPL has started Hydrotesting work of civil structures from 28.09.2022
- v. Approach road, leveling work and landscaping works are pending.



Fig 10: Manual screen

6. Coarse screen channel:

- i. Electrical panel termination for Mechanical coarse screen is pending (Fig 11).
- ii. Differential level meter has not been installed till date.
- iii. Also, Alignment of screen is still pending.

Hence, before commissioning the mechanical screen, above mentioned points should be rectified & commissioning should be done in the presence of OEM and certified by the same for acceptance.



Fig 11: Mechanical screen

- iv. Termination of Sluice gate is pending and leakage testing has not been performed.
- v. KRMPL has not completed finishing work of the civil work.
- vi. KRMPL has started hydrotesting work of civil structures from 28.09.2022.
- vii. Approach road, leveling work and landscaping works are pending.



Fig 12: Sluice Gate

7. Raw Sewage Pump house:

- i. KRMPL is yet to install the following as per approved drawing:
 - a. 5 Nos. Sluice gate valves,
 - b. 5 Nos. NRVs, pressure gauges,
 - c. pipe guide for pump & pipe support
- ii. Blind flange at the end of discharge pipeline was incorrectly installed. It needs to be removed and installed in opposite direction (Fig 13B).
- iii. Block concrete support to be installed in place of the temporary pipe support.
- iv. KRMPL has used unapproved arrangement with temporary spool, wrong size re-used valves (from Jajmau facilities)

KRMPL has taken the sewage without installing the above-mentioned items (5. (i). Fig. 14 shows all the pump's accessories needed as per approved technical drawing and the same is to be complied by KRMPL.



Fig 13A: Pump house



Fig 13B: Discharge pipeline Blind Flange Installed incorrectly at ICI pump house

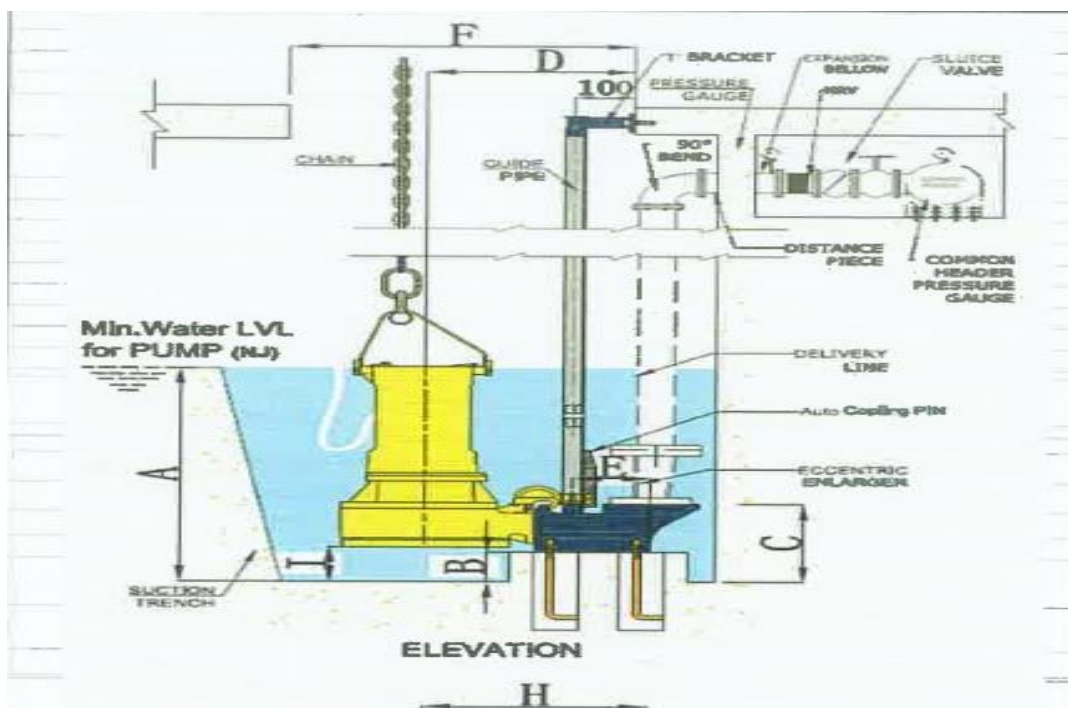


Fig 14: Approved pump drawing

- v. Performance test required for the pumps is shown in the approved QAP (Fig 15) but KRMPL has not conducted any test at the site as per approved QAP.

4.2	Performance Test	Hydraulic	Measurement of Q v/s H, Q v/s Power & Q v/s Efficiency	one of each type	IS-5120/IS 9137 or International standard ISO 9906 : 1999 / Grade 2	I. R.	W	Major
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Fig 15: Approved QAP for testing

- vi. Electrical hoist installation is incomplete. It is to be noted, that “shrouded bus bar” has not been installed till date. Both stiffeners should be installed as per approved drawing (Fig 16). Also, trial run of the hoist is required for the electrical hoist as per approved QAP (Fig 17)

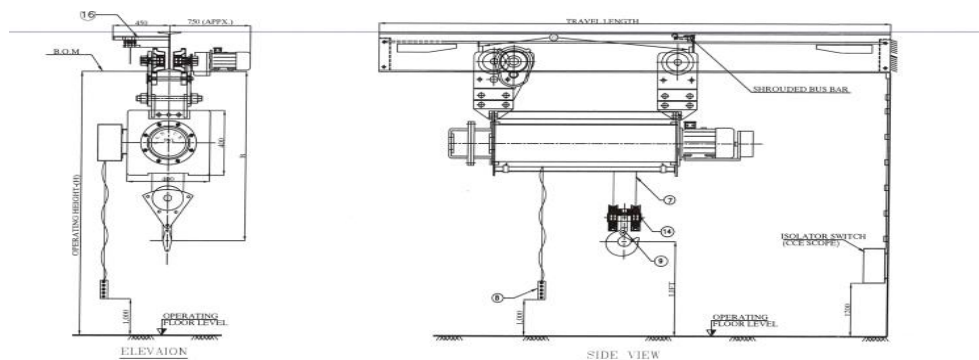


Fig 16: Approved drawing for Electrical hoist

2	TRIAL RUNNING OF HOIST	1) No. Load Test	CR.	Visual	10% 100%	IS : 3938	IS : 3938	IR	P	W	V	W
		2) Function Of Brakes Switches ETC.	CR.	Visual	10%	IS : 3938	IS : 3938	IR	P	W	V	W
		3) Current & Speed At Full Load	CR.	Measurement	10%	IS : 3938	IS : 3938	IR	P	W	V	W
		4) Over Load Test	CR.	Visual	10% 100%	IS : 3938	IS : 3938	IR	P	W	V	W
3	CONTROL PANEL	HV,IR,FUNCTIONAL TEST	CR.	Visual	RANDOM	Approved Drg.	Approved Drg.	IR	P	W	V	W

Fig 17: Approved QAP for Electrical hoist.

- vii. Civil-related works are not completed in all respect, including surface roof treatment, Flooring work, Staircase, internal and external painting of building, landscaping work, road work, etc.

8. Inlet Flowmeter:

- Inlet flowmeter was found to be in submerged condition, this is not acceptable (Fig 18a & 18b).
- Inlet Flowmeter should also be tested, calibrated and certified by the OEM.
- The valve & inlet flowmeter chamber work was ongoing during our inspection and it was found that a brick chamber was being built instead of RCC, considering the high water table condition and below ground structure.

Based on the site conditions, CE, UPJN directed Mr. Manobendra, PM, KRMPL to STOP the brick chamber work, remove it and replace with RCC structure immediately. Flowmeter chamber as shown in Fig 19 shall be casted on urgent basis.



Fig 18a: Inlet Flowmeter – Submerged condition on 03.11.2022



Fig 18b: Inlet Flowmeter – Submerged condition on 07.11.2022 and within unapproved brick chamber under construction



Fig 19: Approved drawing for chamber for inlet flow meter

9. Site development works are pending including:

- i. Grading
- ii. Boundary wall
- iii. Security gate
- iv. Landscaping
- v. Site stormwater drainage plan has not yet been submitted by KRMPL and construction of the same is also pending.

10. DG Set:

- i. Commissioning work for DG set is complete.
- ii. Cable dressing is not done properly.
- iii. DG set earthing not done properly & earthing pit work is pending



Fig 20: DG set earthing not done properly

11. Transformer yard

- i. Transformer placement on foundation is not proper.
- ii. Cable termination & cable laying, earthing works are pending.



Fig 21: Transformer placement on foundation is not proper

12. Panel Room:

- i. HT VCB Panel installed & commissioning is pending.
- ii. LT Panel charged without VFD starters and control functioning not proper.
- iii. APFC installed & commissioning is pending.
- iv. Internal lighting to be started and outdoor light after leveling work is completed.
- v. Internal electrification & exhaust fan work in progress.
- vi. Plinth protection, surface roof treatment work and fixing of rainwater drainpipe is pending.
- vii. Indoor & Outdoor Painting work is pending
- viii. Handrails need to be fixed by KRMPL.
- ix. Staircase needs to be done by KRMPL.
- x. Doors, windows, ventilator needs to be done.



Fig 22: LT Panel charged without VFD starters and control functioning not proper

13. PUMP House:

- i. Junction box/ LPBS installation was done without earthing. Earthing work was in progress.
- ii. Cable tray laying was in progress.
- iii. Cable dressing work was in progress.
- iv. Internal electrification & exhaust fan work is pending
- v. Plinth protection, surface roof treatment work and fixing of rainwater drainpipe is pending.
- vi. Indoor & outdoor Painting work is pending
- vii. Staircase needs to be done by KRMPL.
- viii. Doors, windows, ventilator needs to be done.

14. Coarse Screen / Conveyor / Gate:

- i. Cable tray dressing is pending
- ii. Gate & Screen testing is pending.

15. Earthing:

- i. 4 nos. Out OF 6 Nos. grid pipes earthing is done.
- ii. Earthing pit work is pending.



Fig 23: Earthing pit work is pending

16. Metering Room:

- i. Civil work is in progress.

Sundar Nagar IPS

1. Civil work:

- i. During visit it was noticed at most of the civil structures that finishing, painting, hand railing paint etc works were not completed by KRMPL. KRMPL was directed to submit the microplan for the same and complete the whole STP in every aspect by 30.11.2022 as committed at the HAM Kanpur Project Progress meeting held on 01.11.2022.
- ii. Walls of receiving chamber inlet gate are not straight and finishing were not proper due to improper shuttering during its concreting work (Fig 24). KRMPL was instructed to do the additional grinding to rectify the defects and coal tar painting in the interiors.
- iii. Existing sump well connection is not done to the new I&D structure. KRMPL was instructed to identify the sump well level as well as nalla invert level and complete the interconnection so that the flow could be diverted to the I&D for screening. CE, UPJN directed KRMPL to complete the work by 15.11.2022.

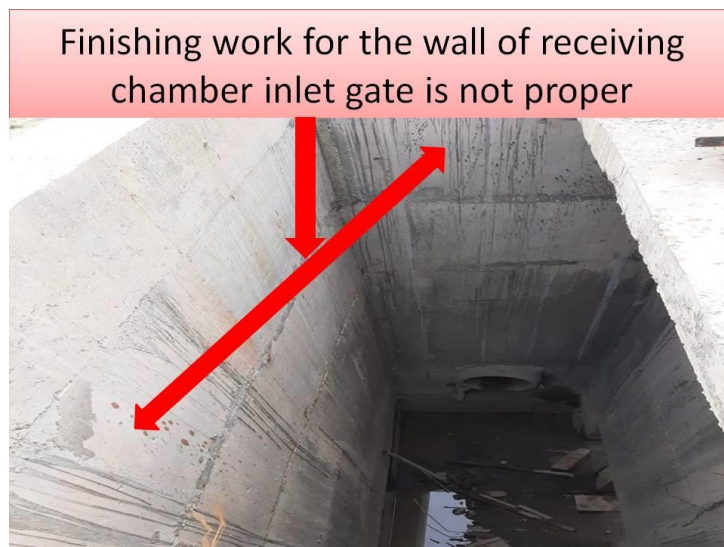


Fig 24: Receiving chamber

Existing wet well connection is not done



Fig 25: Existing wetwell at Sundar Nagar

2. KRMPL has completed ground floor slab. KRMPL has not completed cleaning wok of receiving chamber. KRMPL has not completed brick work in pump house.
3. Panel room cum office building first floor RCC work done on 28.09.2022. KRMPL has completed only brick work upto ground floor slab and rest of the civil work is in progress
4. Metering room grade slab work was in progress. KRMPL has not started brick work in metering room.
5. Electrical work has not been started.
6. Boundary wall work is still pending.
7. KRMPL has not started road work, approach way, stormdrain work in the Campus area.

P. Girish Kumar