



सत्यमेव जयते

अधीक्षण अभियंता  
स्वास्थ्य सिविल परिमंडल-II  
लो०नि०वि०, दिल्ली सरकार,  
डा० बी०एस०ए० अस्पताल परिसर,  
सैक्टर-6, रोहिणी, नई दिल्ली-110085  
दूरभाष: 011-27933240, 27933378

राष्ट्रीय राजधानी क्षेत्र दिल्ली सरकार  
GOVT. OF NATIONAL CAPITAL TERRITORY OF DELHI  
लोक निर्माण विभाग  
PUBLIC WORKS DEPARTMENT  
e-mail: pmpwddelhihealth2@gmail.com



SUPERINTENDING ENGINEER  
HEALTH CIRCLE (CIVIL)-II,  
PWD, GOVT. of NCT DELHI,  
DR. B.S.A. HOSPITAL COMPLEX,  
SECTOR-6, ROHINI, NEW DELHI - 110085  
PHONE: 011-27933240, 27933378

No.:23(Inspection)/अधी०अभि०स्वा०-2 / लो०नि०वि० / 2021-22 / 4594

Dated: 9 -03-2022

### INSPECTION NOTE

**Name of Work:** Construction of New Hospital at Siraspur, New Delhi.

**Agmt. No.:** 09/EE/HPD(North)/PWD/2019-20

The above work was inspected on **03-03-2022** by the undersigned in the presence of following:

**1. PWD:**

- (i) Er. D.K. Shukla, EE, HPD (North)
- (ii) Er. Vijay Kumar, AE(C)

**2. Agency (M/s. Ramacivil India Construction Pvt. Ltd.):**

- (i) Sh. Rajesh Deepak

**3. Consultant:**

- (i) Sh. Shubham Thakur, Architect Consultant (M/s. Design Associates Inc.).

**4. TPQA**

Not Present

The RCC work in the STP, ETP and ESS Slabs, 6<sup>th</sup> floor slab of main block, foundation for the C1 Block, Block work, Gypsum Plaster, Sanitary Work etc. was in progress.

**The following points were discussed:**

1. The Gypsum plaster work in basement -I was in progress and observed that bonding material was not properly applied over the RCC surface. It shall be insured for proper application of bonding material as per specifications and proper thickness of the gypsum plaster.
2. The holes in shear walls should be grouted properly with the non-shrink cementitious compound.
3. Efflorescence was observed on recently constructed walls. The agency should be directed to replace the work with moderate to heavy efflorescence and to change the source of bricks.

4. The reinforcement bars in 6<sup>th</sup> floor slab was progress and found that chairs were not in sufficient numbers and also not properly placed. It may be ensured that sufficient number of chairs in reinforcement should be placed in such a way to rest top reinforcement bars properly.
5. It was seen that confining reinforcement of the beams was not placed properly. It should be ensured that the confining reinforcement is properly placed and binded before casting the slab.
6. It was seen that the gap between the CI stacks and the ceiling was more. It should be ensured that this gap to be kept minimum as far as possible considering the future maintenance works.
7. The RCC work of STP, ETP & ESS slab should be completed by 31/03/2022. The EE should ensure and properly monitor the work.
8. The casting of footing of C1 Block to be completed by 31/03/2022 and the RCC wall for the basement should be started in sequence. The agency assured for the same and the EE should monitor the progress on regular basis.
9. It was seen that there was gaps in the shuttering of the slabs. The gaps should be properly filled or the shuttering should be replaced with the adequate size of the shuttering before casting of the slab.
10. It was seen that the reinforcement of the beam was passing out side of the column reinforcement, which need to be corrected and it is to be ensured that the reinforcement of the beam should be pass through inside of the column.
11. The progress of various activities of AAC work, conduiting, fire-fighting, gypsum plaster, sanitary etc. should be expedite.
12. At some places, the reinforced cement concrete is honey combed particularly at bottom of column / beams & side of column due to gaps / leakage of slurry in the shuttering. All these honeycombed parts of RCC should be avoided by sealing gaps in shuttering. It should be attended by fixing GI pipes and pumping cement slurry mixed with water proofing compound by the contractor at their own cost. The UPV and rebound hammer tests to be conducted as per agreement conditions in these honeycombed concrete to ascertain the strength of concrete.
13. It must be ensured that the register for checking of formwork and placing of reinforcement are updated regularly. It should be ensured and checked by Assistant Engineer (Civil) and Executive Engineer (Civil) on regular basis during the finalising of formwork and placing of reinforcement.
14. Executive Engineer (C) should ensure that Assistant Engineer (Civil) / Junior Engineer is present at site during pouring of entire concreting. The quality of the batch mix concrete should also be ensured by doing mandatory tests for aggregates, water, cement and admixtures regularly as per frequency prescribed in the specifications at Batch Mix Plant at site and slump test at site. The test of water should be carried out in a proper way to ensure that it is fit for use in preparing the concrete.



15. The TPQA should check formwork, placing of reinforcement and should also be present at site during concreting to check quality of concrete, its compaction etc.
16. The samples of the internal finishing like tiles, granite, sanitary installations, CP brass fittings etc. may be finalised as per schedule of finishing given by the consultant and mock up of the same may be prepared at site for finalization of the same by the consultant.

The progress of the work is very slow. The contractor may be asked to expedite the progress of the various activities by deploying more resources and finishing work also to be started simultaneously in the lower floors.

( मनोज कुमार )

अधीक्षण अभियन्ता, स्वास्थ्य परिमंडल-2

प्रतिलिपि:

- ✓ 1. प्रधान मुख्य अभि० स्वा० अंचल, लो०नि०वि०, 2रा तल, बहुमंजिला भवन, नई दिल्ली को सूचनार्थ हेतू प्रेषित।
2. कार्यपालक अभियंता (सिविल), स्वास्थ्य परि० मंडल-उत्तर, लो०नि०वि०, दिल्ली को आवश्यक कार्यवाही हेतू।
3. वर्क फाइल 23(7)



अधीक्षण अभियन्ता, स्वास्थ्य परिमंडल-2