



THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.  
(A Government of Odisha Undertaking)

No. 5306 /03/T/2018/OPHWC

Dated 10.05.2018

To

Sri A. Udaya Narayana Subudhi, Quality Monitor,  
Sri Pravat Kumar Pattnaik, Quality Monitor

Sub: Format/Check List for Quality Control & Quality Assurance of the Project.

Sir,

Please find enclosed herewith Format/Check List for Quality Control & Quality Assurance of the Project for submission of a detailed report every month after inspection of different projects.

Encl. Format – 1 no.

Yours Faithfully

*[Handwritten Signature]*  
10.5.2018

DGM (Quality Monitor)

Memo No:.....\*/OPHWC

Dated 10.05.2018

Copy along with copy of enclosure submitted to Chief Engineer, OPHWC for favour of kind information and necessary action.

DGM (Quality Monitor)

Memo No:.....\*/OPHWC

Dated 10.05.2018

Copy along with copy of enclosure forward to all Joint. Managers, OPHWC for information and necessary action.

DGM (Quality Monitor)

FORMAT/CHECK LIST FOR QUALITY CONTROL & QUALITY ASSURANCE OF THE PROJECT

1. General
  - 1.1. Name of the Project;
  - 1.2. Date of Commencement/ Stipulated date of Completion.
  - 1.3. Mile Stone stipulated in the agreement:
  - 1.4. Physical/Financial Progress as per Milestone (Target/Achievement) - % basis.
2. Site Survey and Provisions in Drawing:
  - 2.1. Plinth level fixation: whether variation from provisions in drawing.
  - 2.2. Drainage system: Out-fall flow gradient is maintained or not.
  - 2.3. General remarks on surface profile/contour/mining (moorum) activity/virgin soil.
  - 2.4. Adequate foundation type.
  - 2.5. Requirement of Retaining wall in case of abrupt level difference.
3. Maintenance of Quality Control Register.
  - 3.1. Mix Design obtained from Govt/approved Laboratory.
  - 3.2. In case of Major Projects, Source approval of materials: water, aggregate, cement, sand and reinforcement.
  - 3.3. Test result of Compressive strength of Structural Concrete (Cube Test).
  - 3.4. Test result of coarse aggregate: Flakiness Index, Abrasion Value/Impact Value.
  - 3.5. Test result of fine aggregate (sand): As per IS: 383.
  - 3.6. Test result of Bricks and Stones: As per IS :1077 and IS :1124
  - 3.7. Uploading of High resolution photographs at different stages of construction.
4. Routine check on quality of materials and components of structure during execution:
  - 4.1. Foundation: Minimum depth of foundation avoiding overburden soil.
  - 4.2. Soil testing for CBR (Confirmatory) in case of Major Projects.
  - 4.3. Required horizontal/vertical profile of foundation before laying PCC.
  - 4.4. Safety measures adopted: Whether adequate or requires improvement.
  - 4.5. Routine tests for Concrete: Slump and Cube testing.
  - 4.6. Maintaining verticality, size and orientation.
  - 4.7. Curing.
  - 4.8. Brick test at site (Water absorption and free fall).
5. Labour Camp Environment:
  - 5.1. Hygienic Condition of Labour Camp for toilet and drinking water.
  - 5.2. Providing Helmets and Safety Shoes to workers.
  - 5.3. Other Safety measures taken as required during construction.
6. Clearance of debris-Status (For Completed/ about to be completed Projects).
7. Inspection note:
  - 7.1. Adequacy of inspection of field officers to site.
  - 7.2. Execution in conformity to drawing and specifications.
  - 7.3. Comment on improvement on quality and progress.
  - 7.4. Maintenance of Quality Control Register, Site Order Book, History Book and Stage Pass Register: Over all comments.
  - 7.5. Comment on Quality of materials used in work such as Sand, Chips, Wooden Chowkats/Shutters, Electrical/PH Fittings, Cement and Steel.

  
10.5.2018  
DGM (Quality Monitor)