

GOVERNMENT OF ANDHRA PRADESH
RURAL WATER SUPPLY & SANITATION DEPARTMENT
OFFICE OF CHIEF ENGINEER, RWS&S, V&QC, GOLLAPUDI, VIJAYAWADA,
Cir Memo. No. AE2/DEE1/1966/Inspections/2018, Dt: 09.11.2020

Sub: - RWS&S – V&QC – Circular Memo – General Instructions issued- Reg.

- Ref: - 1. T/o Cir. Memo.No.AE/DEE1/1966/Inspections/2015-16, Dt. 19.01.2016
2. T/o Circular Memo No. AE/DEE1/1966/Inspections/2015-16, Dt:10.08.2018
3. T/o Lr. No. AE2/DEE/VQC/QC DELAY/2019, Dt: 28.05.2019 Addressed to the
M/s Rashmi Metalliks, W.B. (Copy forwarded to all the Superintending
Engineers, RWS&S in the state.)

The attention of all the Deputy Executive Engineers, V&QC, RWS&S in the state are invited to the references cited above, wherein certain instructions were issued earlier. In addition to those instructions some of the guide lines are framed for smooth functioning of the system which are as follows:

- 1) The Quality Control checks has to be verified invariably for the works are as follows:
 - For SVS Schemes: The works which are costing below Rs.40.00 lakhs minimum of one intermediate check/inspection must be carried out and the inspection reports must be submitted to the O/o Chief Engineer, Vigilance & Quality Control, Vijayawada.
 - For MVS/SVS Schemes: The works which are costing above Rs.40.00 lakhs minimum of two intermediate checks/inspections must be carried out and the inspection reports must be submitted to the O/o Chief Engineer, Vigilance & Quality Control, Vijayawada.
 - For the works costing more than Rs. 40.00 lakhs, the intermediate quality control certificate will be countersigned by the Chief Engineer, Vigilance & Quality Control, Vijayawada if necessary.
- 2) The competent authority for issuance of Final Quality Control Inspection report irrespective of all grants for all works is as follows:
 - For the works costing up to 40.00 Lakhs – Concerned Deputy Executive Engineer, Vigilance & Quality Control RWS&S, Sub-Division.
 - For the works costing above 40.00 Lakhs – The Chief Engineer, Vigilance & Quality Control, RWS&S, Gollapudi, Vijayawada.
- 3) All the Quality control Dy. EE's are instructed to submit the below mentioned supporting documents to this office while submission the final quality control inspection reports without fail are as follows:
 - Action Taken reports on previous inspections if any.
 - Inspection notes if any of the CE/SE/EE, Vigilance & Enforcement reports if any.
 - Quality control clearance certificates of materials issued.
 - Invoice hard copies.
 - SBC & Cubes testing reports.
 - Register of Hydraulic testing of pipe lines.

- 4) During the preparation of the final quality control inspection report all the details must be filled properly in revised QC format only and also no rows should be left blank. Three copies of QC inspection reports along with the calculation of recoveries with signatures of the quality control team must be submitted to this office.
- 5) The Deputy Executive Engineer, Vigilance & Quality Control must inspect all the ongoing works i.e MVS and SVS Schemes at least once in a month and as per the importance of the work, so as to avoid un-necessary technical issues.
- 6) The Quality Control DEEs must inspect the works at key stages for the following structures which are as follows:
 - OHSRS, OHBRS & Sumps: Raft Foundation & Bottom slab.
 - Galleries: Inspect the construction of galleries at regular intervals.
 - Pipelines: Hydraulic testing for pipeline.
 - RSF: Tiles & V-Notch must be verified.
 - SS tank: Inspect SS Tanks at every one meter of consolidation and obtain the test results of Optimum Moisture Content (O.M.C), Dry density of soil at each stage.
- 7) The intermediate quality control inspection reports of works submitted by the Dy. EE's must tally with the progress report and also the reports will be reviewed while issuing the final quality control report. So, as to avoid any ambiguity in the reports.
- 8) While conducting the pre delivery quality control inspection of the materials the Quality control team deputed must carry out the inspection as per the OA/SA agreement quantities only.
- 9) The Deputy Executive Engineer, Vigilance & Quality Control must verify the registers i.e., Administrative Sanction, Technical Sanction, Tender, Agreement, field & material QC certificate issue registers etc., that are being maintained in Circles, Divisions & Sub-divisions offices.
- 10) The sampling of all materials shall be drawn from different batches/ lots as per the IS codes and those batch/serial numbers shall be mentioned in the Quality control test reports.
- 11) The average thickness of pipes shall be maintained as per the relevant IS code and the pipes which are nearer to the minimum thickness the batch shall be rejected.
- 12) The quality control stamp must be affixed by the Quality control officials on the materials inspected.
- 13) The Quality Control Engineers are instructed to guide the field engineers to not to place the indent/ recommend the firms who make delay in supply of the materials and manufacture sub- standard pipes/materials such precautions shall be taken while recommending the firms as communicated earlier to all the Superintending Engineers in the state, vide reference 3rd cited above.

- 14) The Deputy Executive Engineers shall inspect all the Operation & maintenance of CPWS Schemes periodically and must verify the registers as per the agreement conditions. Necessary recommendations may be given if necessary.
- 15) For Operation & Maintenance Schemes, the final Quality control certificate shall be issued irrespective of O&M estimate cost of the schemes by the concerned Deputy Executive Engineer (V&QC) only if needed.
- 16) The Manufacturers BIS license certificate shall be verified through online before taking up the inspection. The testing instrument calibration certificates, must be verified for the QC testing tools /machinery before initiating the pre - delivery quality control inspection at the factory site.
- 17) As per the IS code all the physical measurements of pipes such as class, size and diameter wise shall be mentioned in the test reports.
- 18) For joint inspection report, the report must be generated in abstract form that must contain the details such as the diameter wise, class wise, length wise and number of pipes along with batch numbers shall be mentioned in the report without fail.
- 19) All the materials such as Pipes, Pump sets, Valves shall be inspected only at the factory site only.
- 20) During the inspection of DI Valves the Quality Control team must verify the product quality certification from approved NABL accredited lab / Third party certificate before carrying out the inspection or otherwise the inspection shall not be taken up as the DI valves are non ISI products.
- 21) Special marking on DI pipes for all projects shall be insisted to the firms by the QC officers.
- 22) The Deputy Executive Engineer must verify for the procurement of pipes in M-Books for pipes whether they have recorded the pipes as batch wise, size wise and length wise as per the quality control clearance certificate issued.

Sd/-
(R.V. Krishna Reddy),
Chief Engineer,
Vigilance & Quality Control,
RWS&S, Gollapudi,
Vijayawada.

To

All the Deputy Executive Engineers, V&QC, RWS&S in the state.

Copy to all the Superintending Engineers, RWS&S in the State for information.

//Authenticated//

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09/11/20
Deputy Executive Engineer, V&QC,
RWS&S, Gollapudi, Vijayawada.

9/11/20