

Copy of:

**Government of Andhra Pradesh
Public Works Department, Projects Wing.**

Memo No. 1970-K2/72-11, Dated. 4-7-1974.

Sub:- IRRIGATION- Major Irrigation Projects in Andhra Pradesh Adoption of open classification system and do away with trial trench or cross thandoo system – Check measurement by Executive Engineer of Superintending Engineer – Further instructions-issued.

Ref:- G.O. Ms. No.467, P.W. (T) Dept., dt. 3-4-1972.

In the G.O., cited orders were issued to adopt open classification system and do away with trial trench or cross thandoo system in all Major Irrigation Projects for purposes of determining classification of soils and effecting payments thereof. It was ordered that in cases where there would be variation exceeding 10% in the classifications of soils adopted in the estimates and the actuals as per measurement, check measurement should be done by Executive Engineer before payment. In case of variation exceeding 25% the check-measurement should be done by the Superintending Engineer before payment.

A question has arisen whether the check measurement as ordered above should be done with reference to the total estimated quantity of various soils of the check measurement should be done whenever variation in classification of soils is noticed with reference to the estimated quantities of that particular reach.

The Government have therefore examined the above aspects and the following further instructions are issued which are supplementary to the orders issued in the G.O. cited.

- i) Classification of soils and rock should be check measured by the Executive Engineer in all cases.
- ii) The Executive Engineer can approve the classification of soils and rock upto a variation of plus or minus 10% in any of the classification of soils or rocks over the estimated quantity of the bay.
- iii) If the variation exceeds plus or minus 10% in any of the classification of soils and rocks over the estimated quantity of that bay the classification of soils and rock should be verified by the Superintending Engineer.
- iv) In regard to works costing less than Rs. 1 lakh Superintending Engineer should inspect and satisfy himself when the variation is more than 10% but check measurement should be done by the Superintending Engineer when the variation exceeds 25%.
- v) In case where the variation is likely to exceed plus of minus 10% in any of the classification of soils and rocks over the estimated quantity of that bay a report to this effect should be furnished to the Chief Engineer, immediately. The Government also clarify that for exercising check measurement for classification of soils a bay of 110' as a unit should be taken.

4. This order issues with the concurrence of Financial adviser (Projects) vide U.O. No. Fa/F1/(2)/74-75/53, dt. 20-5-1974 and also finance (Expr.PWD) vide U.O. No. 2503/1498, PWD/74-1, dt. 2-7-1974.

D.Keshava Rao,
Dy. Secretary to Government.

To,
Chief Engineer, Pochampad Project, Hyderabad.

//f.b.o//
Sd/- Section Officer.

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O/o the Chief Engineer, Sriramsagar Project,
Hyderabad.

Endt. No. T2/250/74-47, dt. 19-7-1974.

Copy to all the Superintending Engineers and Director of Accounts, Pochampad Project for information and strict compliance.

Project.

D. Satyanarayana,
Chief Engineer, Pochampad

/f.b.o/
Sd/- Superintendent.

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