

Republika ng Pilipinas  
PAMBANSANG PANGASIWAAN NG PATUBIG  
(National Irrigation Administration)  
Lungsod ng Quezon

MC # 33 , S. 1980

MEMORANDUM CIRCULAR

TO : ASSISTANT ADMINISTRATORS, DEPARTMENT HEADS,  
REGIONAL IRRIGATION DIRECTORS, PROJECT MANAGERS,  
AND ALL OTHERS CONCERNED  
This Agency

SUBJECT : Quality Control & Assurance in Civil Works  
Construction

In line with the agency's thrust towards further improvement and betterment of irrigation services through dependable, adequate, functional and serviceable irrigation facilities from diversion headworks to farm level facilities, you are hereby reminded to be more aware and conscious of the importance and value of Quality Control and Assurance in our Civil Works Construction.

Quality Control, in essence, is an intangible tool and a MUST in civil works construction, be mainly geared towards the attainment of our objective of getting the best product at the least cost. The BEST PRODUCT, in our case, is the construction of the irrigation facilities within an acceptable standard as to quality, workmanship and functionality.

The effectiveness of quality control, however, can only be realized and attained when its importance and objectives are recognized throughout all segments/levels of the organization, starting from top management, through the design, planning, specification writing, construction stages and into the operation and maintenance. It is therefore imperative for all concerned at various levels of management within our organization to promote and disseminate the objectives and importance of quality control.

Along this subject, please be reminded of the previous memorandum dated March 19, 1976, copy attached.

Please be guided accordingly.

(SGD.) FIORELLA R. ESTUAR, Ph.D.  
Acting Administrator

March 28, 1980

Republic of the Philippines  
Pambansang Pangasiwaan ng Patubig  
(NATIONAL IRRIGATION ADMINISTRATION)

MEMORANDUM:

**TO** : All Regional Directors and  
Project Managers  
National Irrigation Administration

**FROM** : The Administrator  
Same Agency

**SUBJECT** : Improvements in the Construction of  
Irrigation Facilities

It has come to my attention that there are irrigation facilities, from diversion headworks down to the level of on-farm facilities, that had been constructed not in accordance with the design requirements, specifications and good construction methods and practices. In many cases, inadequate and incomplete field data and improper assessment of the proposed works to be done often led to faulty design and planning, incorrect and unrealistic cost estimates and subsequently faulty construction.

Faulty construction and subsequently poor performance of irrigation facilities during operation could be traced to the following factors and causes, among others:

1. Lack of appreciation and indiffererent attitudes of officials concerned towards quality control, good workmanship and responsiveness to modern construction techniques, procedures and methods.
2. Inability to adopt a common acceptable standards for both force account and contract works.
3. Very loose and inadequate enforcement of inspection requirements especially for contract works.
4. Incompetent contractors.
5. Tendency to put emphasis on quantified accomplishment sacrificing quality, workmanship and good performance.
6. Inadequacy in reporting and monitoring systems and inability to provide proper checks and balances.
7. Laxity in the technical and financial control and supervision of force account and contract works.

Faulty construction would prove to be costlier in the long run and this will adversely affect functionality and serviceability of the works.

In view hereof, all those concerned are hereby directed to be more aware of the aforementioned deficiencies and attitudes towards sound construction techniques and practices. It is a major responsibility which you have to face and be ready to account for.

Please be guided accordingly.

(SGD.) ALFREDO L. JUINIO  
Administrator

March 19, 1976