



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
OFFICE OF THE SECRETARY
Bonifacio Drive, Port Area, Manila

097. 13 DPWH
4-27-87 (R)

1 April 1987


DEPARTMENT ORDER)
No. **13**)
Series of 1987)

SUBJECT: Sampling and Testing of
Construction Materials

To avoid problems that may arise as a result of improper quality control and to ensure high quality structures, the sampling and testing of all construction materials for government infrastructure projects shall be undertaken as follows:

1. Samples should be taken from the materials stocked at the plant/project sites;
2. For samples to be tested at the DPWH Field Laboratory, sampling and testing should be fully supervised by the Government Materials Engineer;
3. Where the DPWH Regional and District Laboratories do not have the facilities to perform test on samples of construction materials, testing shall be allowed in testing laboratories/private institutions accredited by the DPWH which have such testing capabilities, provided that the testing shall be witnessed by authorized government representatives;
4. For small contract projects of the Department located in remote areas where the quantity of cement to be used is too small and where there are no accessible testing laboratories to check the quality of the materials, exception on the requirements for the performance of laboratory test on cement prior to use may be allowed, provided that trial mixes shall be done for every batch of delivery and that the mixes meet the concrete strength requirements;
5. Testing of steel bars by DPWH - accredited laboratories/private institutions shall be allowed, provided that the testing shall be witnessed by authorized government representatives. For small projects located in remote areas where the quantity of steel bars is 10,000 kgs. or less, mill certificates may be used as basis for the acceptance of the material.

This Order shall take effect immediately.


VICENTE R. JAYME
Secretary



Republika ng Pilipinas
KAGAWARAN NG PAGAWAIN AT LANSANGANG PAMBAYAN
TANGGAPAN NG KALIHIM
Maynila

047-13 DPWH

11-08-04

NOV 08 2004

DEPARTMENT ORDER) SUBJECT : **REITERATING THAT TESTING**
NO. **213**) **OF CONSTRUCTION MATERIALS**
SERIES OF 2004 *smang 11-08-04*) **BE CONDUCTED PRIOR TO**
THEIR INCORPORATION INTO
THE WORKS

In the light of the controversy arising from testing of cement between the Department's Bureau of Research and Standards (BRS) and a cement manufacturer, it is hereby reiterated that all construction materials, particularly cement, be subjected to quality tests prior to their incorporation into the works.

All Heads of Implementing Offices are hereby directed to ensure that only materials conforming to the specification requirements should be allowed to be used in DPWH projects.

In no case should any construction material be used without prior tests while those that failed to meet any of the requirements of the DPWH Standard Specifications should be rejected.

However, the existing provisions exempting cement and steel bars from quality tests if their quantities are too small, as mandated by Department Order No. 13, Series of 1987 re : Sampling and Testing of Construction Materials, shall continue to be enforced.

This supersedes all memoranda, orders and circulars issued in conflict herewith and shall take effect immediately.


FLORANTE SORIOQUEZ
Acting Secretary