



REPUBLIC OF THE PHILIPPINES  
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS  
OFFICE OF THE SECRETARY  
PORT AREA, MANILA

16 January 1990

DEPARTMENT ORDER )  
NO. 11 )  
Series of 1990 )

SUBJECT: Use of Portland Pozzolan Cement Type  
IP for Items 311 and 405

To help alleviate the cement shortage situation in the implementation of projects, the Department has approved the Use of Portland Pozzolan Cement Type IP for Items 311 and 405.

Correspondingly, Items 311 and 405 of the 1988 DPWH Standard Specifications for Highways, Bridges, and Airports, Volume II, are hereby amended. Where Portland Cement Type I is specified, the use of Portland Pozzolan Cement Type IP meeting the requirements of AASHTO M 240/ASTM C-595 Specifications for Blended Hydraulic Cement is allowed, provided that trial mixes shall be done and that the mixes meet the concrete strength requirements. Henceforth, the ASSHTO/ASTM provisions pertinent to the use of Portland Pozzolan Type IP shall be adopted as part of the 1988 DPWH Standard Specifications for Highways, Bridges, and Airports, Volume II.

This Order takes effect immediately.

  
FIORELLO R. ESTUAR  
Secretary