

24 September 1990

Works Branch Technical Circular No. 14/90

The Use of PFA in Structural Concrete

Introduction

The Lands and Works Branch Practice Note No. 4, The Use of PFA in Structural Concrete, was issued in 1983. The attached addendum sets out the current position on this subject and should be added to the Practice Note.

Action to be taken

For the reasons stated in the addendum, all engineers and architects and consultants responsible for specifying concrete or for approving contractors' proposals are required actively to encourage the use of PFA as a cement replacement material. For thick sections, high strengths, where shrinkage and cracking are critical, where resistance to sulphate attack is required and where surface finish is particularly important, PFA concrete should be specified.

The current General Specification for Concrete for Structures, promulgated with LWB TC 16/83, should be amended to delete the requirement for the Engineer's/Architect's approval to the use of PFA. Should there be special circumstances where the use of PFA is considered undesirable, the project engineer/architect shall seek the approval of the Works Branch Standing Committee on Concrete Technology to include a restricting Particular Specification clause in the contract.

Any queries on this subject should be addressed to the Standing Committee on Concrete Technology.

**(R H Pilling)
Deputy Secretary (Works Policy)**