

# **USE OF CLASS F FLY ASH IN THE MANUFACTURE OF BUILDING BRICKS**

By Tarun Naik and Wenyi Hu

Reference: CBU-1992-18

## **ABSTRACT**

Satisfactory bricks for building purposes can be made from Class F fly ash, using lime and/or cement as a binder, and conventional aggregates. Methods of preparing the mix, molding and curing are described in this paper. Bricks were made by making a semi-dry mixture, placed into molds and compacted by a pressing machine. The bricks were cured under the ambient air conditions, no firing or autoclaving was applied. The results of laboratory test carried out on bricks, as well as performance assessments in field use are presented.