

## **PROPERTIES OF BRICK WITH COLOUR ADSORBED FLYASH**

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### **Abstract**

The fly ash is used as colour adsorbent in various waste water plants. The fly ash which acts as colour adsorbent has to be suitably disposed to avoid environmental problems. So, an attempt was made to reuse the Colour Adsorbed Fly (CAF) ash in construction industries. In this view, the fly ash from the thermal power plant and effluents from Textile industries were collected. Properties of untreated effluents were studied. Packed column set-up was made by using single layer fly ash and then effluent was treated with this packed column set-up. Properties of treated effluent were studied. The CAF ash was used in brick replacing the ordinary fly ash in different proportions and the strength properties of were studied. The results were compared with ordinary fly ash brick.

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