# ABSTRACT

**Utilization and effect of using rice husk ash for production of bricks**

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There is increasing demand for producing durable construction material.Rice husk ash(RHA) is a by product formed due to burning of rice husk.Due to its high pozzolanic action the strength and durability of concrete is increased.The main advantage of using rice husk ash is when it is added to concrete it increases the corrosion resistance.It also acts as a good insulator.The main objective of this article is to investigate the feasibility of using rice husk ash in the production of bricks and the effect of rice husk ash(RHA) content on the various properties of bricks such as compressive strength,flexural strength,water absorption,bulk density etc.The varying percentage of rice husk ash(RHA) is used for studying the properties of bricks and also analyzing the test results using rice husk ash(RHA).The utilization of rice husk ash for production of bricks is not only cost effective but also addresses the need for finding ways to reduce the amount of solid waste material.The investigation also demonstrates a feasible way of using rice husk ash(RHA) as a constituent for producing decent quality of bricks.Increasing the rice husk ash(RHA) replacement level decreases the strength and bulk density and increases the water absorption.The main motive of using rice husk ash(RHA) is producing bricks of decent quality.