Title of Article: Evaluation of Quality of Sandcrete blocks in Ota, Ogun state, Nigeria.”

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Abstract: The purpose of this study is to investigate the claim that the quality of commercial sandcrete blocks manufactured in many parts of the country is compromised. Sandcrete block manufacturers in Ota, Ogun State were used for the assessment in line with the Nigerian Industrial Standard (NIS) specified standards in the production of commercial sandcrete blocks. The study adopted field sampling, experimentations and work study methods to determine the compressive strength and water absorption rate of sandcrete blocks. Study obtained compressive strength values as low as 0.66N/mm² and about 18% water absorption rate of sampled commercial sandcrete blocks as against values specified by NIS. Poor production quality control measure was implicated as among factors that contributed to the negative results obtained.

Key words: Compressive strength, Quality, Sandcrete block, Water absorption.