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Effect of Concrete Specimen size and Shape on the Compressive Strength of Self-Compacting Concrete

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***Abstract*—Concrete technology needs plenty of research to meet the increasing demand for new and quality materials. An experimental study was conducted to investigate the connection among compressive strength and size/shape of self-compacting concrete. Flow property of Self-compacting concrete is made possible with use of super plasticizers. Results of compressive strength at the age of 7 days, 14 days, and 28 days were taken into account. Phenomenon of size effect was found in this study, as strength of specimen decreased with increase in size. Also, standard sized cubes attained higher strength than cylinders.**

***Keywords* —Water supply, Spring Water and Quality of potable water**