

# Fluidity of Cement Pastes with Admixtures and Super Plasticizer

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**Abstract:** *The Marsh cone is a simple device for measuring viscosity by observing the time it takes for a known volume of liquid to flow from a cone through a short tube. It is standardized for use by mud engineers to check the quality of drilling mud. Other cones with different geometries and orifice arrangements are called flow cones, but have the same operating principle. The Marsh Cone (SS with Stand) is a simple device used for routine quick measurements of fluid viscosity. It's a type of viscometer. It is an excellent indicator of changes in drilling fluid properties. The Marsh Funnel conical in shape - 152 mm in diameter at the top and 305 mm long with a capacity of 1,500 cm<sup>3</sup>. A 12- mesh screen covers half of the top and is designed to remove any foreign matter and drilled cuttings from the fluid. The fluid runs through a fixed orifice at the end of the funnel, which is 50mm long by 4.7 mm diameter in size..*

**Keywords:** Fluidity

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