

Effect of Retarding Force on Mass Flow Rates of Fluid at Different Temperatures Using Software Visualization Technique

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Abstract

The fluid flow always taken place in a particular medium and pipe is one of the most common among all the media. During the flow process, retarding force have effect on the mass flow rates and always caused negative effect by reduce the expected delivery product in term of mass flow rates. Main focus of this paper is to develop a mathematical model and software visualization to view the effect of retarding forces on the mass flow rate in term of visualization. C-sharp (C#) is the chosen program and this enable compares and us to determine the mass flow rates patterns in relation to retarding force in form of graphical tables at different temperature.

Keywords and Phrases: Retarding Force, Fluid, Spillage, Visualization etc.

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