

Liquid Level System Using Hysteresis for Process Control

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Liquid Level System for Process Control has attracted for Chemical Engineer until now. And It is invaluable to education and research because many chemical engineering students feel difficulty in the process control course. Recently we have came up with Liquid Level System Using Hysteresis. Hysteresis is the dependence of the output of a system not only its current input, but also on its history of past input. The dependence arises because the history affects the value of an internal state. Hysteresis is implemented by siphon as well. If you siphon liquid from a reservoir, you make it come out through a tube and down into a lower reservoir by enabling the pressure of the air on it to push it out. Test Bed System Using Hysteresis is great attraction in process control and a number of chemical engineering students are interested in process control course. The make up of Liquid Level System is like LEGO for compact system and even simply assemble parts for the process control. Apart from small size and cheap expenditure, the test bed also use water for no waste. The detailed concept and performance of Liquid Level System Using Hysteresis will be discussed together with their prospect for process control fields.