

Abstract

The use of LPG gas in Indonesia has been approved by all levels of society, this is the presidential regulation that applies kerosene to 3kg LPG. Along with the increase in users of LPG gas, the data released due to LPG gas are also participating due to the need to avoid LPG gas. On the other hand, the community is often overlooked when using LPG gas, suddenly, suddenly, the tube has been prepared, cooking activities are underway. Efforts to reduce LPG gas accidents can be done by collecting data on the capacity to use LPG gas so that capacity is needed and indications of normal use are needed. In this study a tool was used to monitor the capacity of real-time LPG and to predict the use of normal or abnormal gas using the Markov chain method. The results of this research markov method can predict normal or abnormal use with accuracy of up to 80% and the process of monitoring LPG gas capacity can be realized..

Keywords: LPG gas, Load Cell, Monitor, Markov Chain.