

**SUPERVISE OPERATION OF THE POWER PLANT USING HMI
SYSTEM VIA GSM CHANNEL FOR CONTROL**

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ABSTRACT

This paper present about the visualization system interface where technology and human are integrate. The system helps to allow the contractor to easily monitor and compare the value to operating parameters such as historical data and alarm of the machines in the control room without having their presence at plant. This will also helps the contractor to locate the problems while the time consumption can be reduced and limit the frequency of accident in plant. This system called a Human Machine Interface (HMI). With this system, the contractor will able to receive a message as alarm from the HMI system whenever the fault detected from the machine through their mobile phone even if they are away from the plant. This is where the GSM comes handy and it will become as the medium to transmit the message.

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