

Development program for heat balance analysis fuel to steam efficiency boiler and data wireless transfer

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Authors	Nattapong Phanthuna The Faculty of Electrical Engineering, Rajamangala University of Technology Phra Nakhon, Bangkok, Thailand Warunee Srisongkram The Faculty of Electrical Engineering, Rajamangala University of Technology, Nonthaburi, Thailand Sunya Pasuk The Faculty of Electrical Engineering, Rajamangala University of Technology Srivijaya Srongkra, Thailand Thaweesak Trongtirakul The Faculty of Electrical Engineering, Rajamangala University of Technology Phra Nakhon, Bangkok, Thailand
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↑ABSTRACT

This research aim to improve a combustion system of boiler within increase combustion efficiency and use all out of the energy. The large boilers were used in the industrial factories which consume a lot of energy for production. By oil and gas fuel will be increasing costs everyday cause many factories interested in energy saving with any method technical engineering, specifically for production costs and environment effect decreasing. This researching was installed and program was invented in the industrial factory. This industry factory consumed cogeneration energy for fabric dying. The efficiency before installing the software is measured about 65.85 - 71.98% which heat in exhaust gas about 20% of overall energy is filled in the system. After installing heat loss in the system has been fallen until remain about 5 - 12% and efficiency of heat in system has been reached a peak of 80 - 85%.

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