

DEVELOPMENT OF A WATER HEATING CONTROLLER

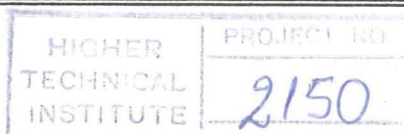
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ABSTRACT

This project deals with the Design of a Water Heating controller, used at instantaneous water heaters and construction of an instantaneous water heater. Instantaneous water heaters are used for providing hot water as soon as the watertap is turned on.

Such instantaneous water heaters exist in the market but they provide only three temperatures of the water at the output.

Due to the fact that the three constant temperatures at the output can be considered insufficient a control circuit is designed in order to provide variable control of temperature at any value within the temperature limits that the heater can provide.

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