PROJECT REPORT

Project Submitted by
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CONTROL OF A HOUSEHOLD PUMPING SYSTEM USING PROGRAMMABLE LOGIC CONTROLLERS

In part Satisfaction of the award of
Diploma of Technician engineer in
Electrical engineering of the
HIGHER TECHNICAL INSTITUTE
CYPRUS

Project Supervisor: Mr E. Michael

Lecturer in Electrical Engineering, H.T.I.

Type of Project: Individual

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SUMMARY

TITLE: "Sequence control using Programmable Controllers"
AUTHOR: Kourmouzos D. Kyriacos
The report investigates the programming capabilities of a "ladder language". It also examines the characteristics and capabilities of Programmable Controllers. Then an application programme using the Programmable Controller for a sequence control process is developed. Finally, the program analysis, costing and comparison with conventional methods are given.

The application program is based on the Allen-Bradley SLC 500 Programmable Controller's instruction techniques and the PLC of the H.T.I.

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