PROJECT REPORT

"SEQUENCE CONTROL USING PROGRAMMABLE CONTROLLERS"

SUBMITTED BY :

IORDANOU CH. APHRODITE

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PROJECT SUPERVISOR : Mr E. Michael BSc, MSc
lecturer in Electrical
Engineering, H.T.I.

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SUMMARY

TITLE: "Sequence control using Programmable Controllers"
AUTHOR: Iordanou Ch. Aphrodite

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.

The unique feature of this report is that it does not depend on the reader's background knowledge on PLCs. It was tried to use simple technical language. Illustrating diagrams and pictures were also used in order to be both interesting to read and useful.

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