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**THE KENYA POLYTECHNIC UNIVERSITY COLLEGE**

**SCHOOL OF ENGINEERING SCIENCE AND TECHNOLOGY**

**HIGHER DIPLOMA IN ELECTRICAL AND ELECTRONIC ENGINEERING**

**(POWER AND ELECTRONIC OPTION)**

**TRADE PROJECT**

**TITLE: SPEED CONTROL OF INDUCTION MOTOR USING  
CYCLOCONVERTER**

**PRESENTED TO: THE KENYA NATIONAL EXAMINATION COUNCIL**

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**Abstract (synopsis)**

This is a compiled report on design construction and testing of cycloconverter induction motor speed controller. The report comprises information about aims and objectives, literature review on its design and analysis and operation. The results obtained from test done at various stages of the project was obtained from textbooks, Electrolux website, G North & son ltd, libraries including Kenya polytechnic University college, Nairobi University. Research was intensive and project was a successful.