

Abstract

Thai economy is changing very rapidly because of the industrial development. In manufacturing process has required to use accurate measurement and precise instrument. Therefore technician student must cope up with modern technology within the time allocated by the school curriculum. In addition , teaching aids, especially training kits must have efficiency and available to reduce instructional time as assigned for each subject. This research is therefore aimed to construct an Electrical Measurement Training Kit consisted of 10 training topics and to experiment for its efficiency in terms of learning achievement of students.

The experiment group is 20 first - year electrical students from Loei Technical College. They are learning by using the training kit. The scores are collected and analyzed by mean of achievement test.

The findings are that its efficiency of the demonstration kit is 81.79/86.25 which is accepted as hypothesized