

DEVELOPMENT OF LEARNING MEDIA FOR EDUCATION AND EXERCISE 12 JOB LEVEL ELECTRICAL FIELD PT SUMMARECON AGUNG

by Muhamad Ali, Djoko Laras BT, Totok Heru TM

ABSTRACT

Education and Training Institution PT Summarecon Agung is a non-formal education that aims to improve the quality of human resources in the company. One of the working competencies that need to be developed is the electrical field. Therefore, PT Summarecon Training Institution cooperates with FT UNY in developing learning tools that contains module and supporting media to assist workers in improving their competence.

The analysis of the development of learning tools in electrical field for PT Summarecon Training is done by Dacum (Developing a Curriculum) method, which is to systematically analyze the position through brainstorming with experts in PT Summarecon. From the discussion between educational experts from FT UNY and PT Summarecon professionals, further analysis of competencies needed to be further derived into study materials and learning tools. The result of the research shows that the electrical learning tools that need to be developed in PT Summarecon are for three (3) job positions namely 1. Electrical Inspector, 2. Site Manager Assistant, and 3 General Manager. Based on the analysis, learning tools developed consist of three (3) modules, namely: a) Electrical Work Quality Control Module consisting of four (4) sub modules namely Introduction of Electricity, Electrical Equipment Material, Measurement and Measurement of Electricity and Quality of Work . b) The MEP Planning and Calculation Module consists of three sub-modules, namely: Basic Calculation ME, Basic of Electrical Installation and Planning of Electrical Installation. c). ME's Work Implementation Method consists of three (3) sub-modules namely: Standard for Electrical Work Implementation, Electric Power Distribution Job Implementation Method, and Testing and Commisioning of Electrical Works.

Kata Kunci: *curriculum, Summarecon Agung, DACUM, Learning media*