

ABSTRAK

Penelitian ini bertujuan untuk: (1) Pengembangan *trainer* instalasi penerangan pada mata pelajaran instalasi penerangan listrik kelas XI Teknik Instalasi Pemanfaatan Tenaga Listrik di SMK Negeri 1 Pundong, (2) mengetahui tingkat Kelayakan *Trainer* Instalasi penerangan pada mata pelajaran instalasi penerangan listrik siswa kelas XI Teknik Instalasi Pemanfaatan Tenaga Listrik di SMK Negeri 1 Pundong.

Penelitian ini merupakan jenis penelitian pengembangan (*Research and Development*). Model pengembangan yang digunakan adalah ADDIE yang terdiri dari (1) *Analysis*; (2) *Design*; (3) *Development*; (4) *Implementation*; dan (4) *Evaluation*. Penelitian ini dilakukan di SMK N 1 Pundong dengan subjek penelitian kelas XI Teknik Instalasi Tenaga Listrik dan guru Teknik Instalasi Tenaga Listrik. Tahap pengujian kelayakan produk dilakukan oleh dua ahli materi dan dua ahli media, serta mengetahui responss pada pengguna akhir yaitu guru dan siswa. Teknik analisis data menggunakan instrumen angket serta teknik analisis deskriptif.

Hasil penelitian ini diketahui bahwa: (1) Telah dihasilkan media pembelajaran *trainer* instalasi penerangan listrik. (2) Hasil uji kelayakan *trainer* menurut ahli media mendapatkan skor rerata 72,5 dari skor maksimal 84 sehingga masuk dalam katergori “Sangat Layak” sedangkan hasil uji kelayakan *trainer* menurut ahli materi mendapatkan skor rerata 76,5 dari nilai skor maksimal 88 sehingga masuk dalam kategori “Sangat Layak”. Respons pengguna siswa SMK Negeri 1 Pundong mendapatkan skor rerata 93,94 dari skor maksimal 112 sehingga masuk kategori “Sangat Baik” sedangkan respons pengguna guru SMK Negeri 1 Pundong mendapatkan skor rerata 132 dari skor maksimal 144 dan masuk kategori “Sangat Baik”.

Kata kunci: *Media Pembelajaran, ADDIE, Instalasi Penerangan Listrik*

ABSTRACT

This study aims to: (1) Development of lighting installation trainers in class XI electrical lighting installation subjects Electric Power Utilization Installation Techniques in State Vocational High School 1 Pundong, (2) find out the level of Trainers' Feasibility of Installation of lighting in subjects of electrical lighting installation in class XI Engineering students Electricity Utilization Installation in SMK 1 Pundong.

This research is a type of research development (Research and Development). The development model used is ADDIE which consists of (1) Analysis; (2) Design; (3) Development; (4) Implementation; and (4) Evaluation. This research was conducted at SMK N 1 Pundong with research subjects in class XI of Electric Power Installation Engineering and Electric Power Installation Engineering teachers. The product feasibility testing phase is carried out by two material experts and two media experts, as well as knowing the responsiveness to the end users namely the teacher and students. Data analysis techniques using questionnaire instruments and descriptive analysis techniques.

The results of this study note that: (1) A learning media for electric lighting installation trainers has been produced. (2) The results of the trainer's feasibility test according to media experts obtained an average score of 72.5 from a maximum score of 84 so that it was included in the category of "Very Eligible" while the results of the trainer's feasibility test according to material experts got an average score of 76.5 from a maximum score of 88 so that it was included in the the "Very Eligible" category. User responses of students of SMK Negeri 1 Pundong get an average score of 93.94 from a maximum score of 112 so that it falls into the "Very Good" category while user responses of SMK Negeri 1 Pundong teachers get an average score of 132 from a maximum score of 144 and enter the "Very Good" category.

Keywords: Learning Media, ADDIE, Electric Lighting Installation