

## ABSTRAK

**Romaria Manalu Nim, 5171131013. Pengembangan *Job Sheet* Praktik Instalasi Listrik Sebagai Media Pembelajaran Di SMK S Dwiwarna Medan Tahun Ajaran 2020/2021.**

Penelitian ini bertujuan : 1). Untuk mengembangkan *job sheet* praktik instalasi penerangan listrik sebagai media pembelajaran di SMKS Dwiwarna Medan, 2). Untuk mengetahui kelayakan *job sheet* praktik instalasi penerangan listrik di SMKS Dwiwarna Medan.

Metode penelitian ini adalah penelitian dan pengembangan ( *research and development*) dengan model pengembangan *Four - D Models* oleh Thiagaradjan. *Four - D Models* terdiri dari 4 tahap. 1). Pendefinisian (*Define*), 2). Perancangan (*Design*), 3). Pengembangan (*Develop*), 4).Penyebaran (*Dissaminate*). Tahap *disseminate* tidak dilaksanakan karena masa pandemi. Instrument yang digunakan adalah instrument non tes berupa angket tertutup dengan skala likert 4 pilihan jawaban. Untuk mengetahui tingkat kelayakan jobsheet, data hasil angket dianalisis menggunakan teknik analisis deskriptif kuantitatif.

Berdasarkan hasil analisis dan pembahasan, diketahui bahwa: 1) Penelitian pengembangan ini menghasilkan sumber belajar sesuai silabus yaitu *job sheet* praktik instalasi penerangan listrik yang terdiri dari 7 kegiatan praktik. 2) Tingkat kelayakan *job sheet* diketahui dari hasil penilaian ahli materi dan ahli media. Hasil validasi ahli materi meliputi aspek perumusan tujuan pembelajaran, kebahasaan, sajian, dan kemanfaatan mencapai rata rata nilai 85 dengan persentase 85 % pada kategori “ **Sangat Layak**” . Hasil validasi ahli media yang meliputi aspek tampilan, kemudahan pengguna, konsistensi, format, kegrafikan mencapai rata rata nilai 72 dengan persentase 82% dengan kategori “ **Sangat Layak**”.

**Kata kunci : penelitian, pengembangan, *job sheet* , instalasi penerangan listrik.**

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## ABSTRACT

Romaria Manalu Nim, 5171131013. Development of Electrical Installation Practice Job Sheets as Learning Media at SMK S Dwiwarna Medan for the 2020/2021 Academic Year.

This study aims to: 1). To develop a job sheet for the practice of installing electric lighting as a learning medium at SMK Dwiwarna Medan, 2). To find out the feasibility of the job sheet for the practice of installing electric lighting at SMKS Dwiwarna Medan.

This research method is research and development (research and development) with the development model Four - D Models by Thiagaradjan. Four - D Models consist of 4 stages. 1). Definition (Define), 2). Design (Design), 3). Development (Develop), 4). Spread (Dissaminate). The disseminate stage was not carried out due to the pandemic. The instrument used is a non-test instrument in the form of a closed questionnaire with a Likert scale of 4 answer choices. To determine the level of feasibility of the jobsheet, the data from the questionnaire was analyzed using quantitative descriptive analysis techniques.

Based on the results of the analysis and discussion, it is known that: 1) This development research produces learning resources according to the syllabus, namely the electric lighting installation practice job sheet which consists of 5 practical activities. 2) The level of feasibility of the job sheet is known from the results of the assessment of material experts and media experts. The results of material expert validation include aspects of the formulation of learning objectives, language, presentation, and benefits reaching an average value of 85 with a percentage of 85% in the "Very Eligible" category. The results of media expert validation which include aspects of appearance, ease of use, consistency, format, and graphics reached an average value of 72 with a percentage of 82% in the "Very Eligible" category.

Keywords: research, development, job sheet, electric lighting installation.

