

ABSTRAK

Rafif Mahdi Lubis, NIM. 5203131017. *Pengembangan Jobsheet Pada Mata Pelajaran Instalasi Motor Listrik Kelas XI Teknik Instalasi Tenaga Listrik SMKS Imelda Medan. Skripsi Program Studi Pendidikan Teknik Elektro, Jurusan Pendidikan Teknik Elektro, Fakultas Teknik, Universitas Negeri Medan, 2025.*

Penelitian ini bertujuan untuk mengembangkan *Jobsheet* Pada Mata Pelajaran Instalasi Motor Listrik Kelas XI Teknik Instalasi Tenaga Listrik SMKS Imelda Medan. Lokasi penelitian di SMKS Imelda Medan. Jenis penelitian ini adalah penelitian pengembangan *Research and Development* (R&D). Metode dalam penelitian ini dilakukan dengan penguraian melalui empat tahapan. Pertama *define* yaitu analisis awal, analisis siswa dan kurikulum, serta merumuskan tujuan. Kedua *design* yaitu penyusunan garis besar *Jobsheet*, mendesain isi pembelajaran dengan Silabus yang digunakan, pemilihan format, penulisan *Jobsheet* (Draft I). Ketiga *development* yaitu validasi ahli, revisi I, penilaian kelayakan, *Jobsheet* (Draft II), revisi II: penilaian kelayakan, produk final *Jobsheet*. Keempat *disseminate* yaitu memperkenalkan produk baru. *Jobsheet* yang dikembangkan dinyatakan sangat layak berdasarkan ahli materi yang mencakup empat aspek meliputi: kelayakan isi, bahasa, sajian dan manfaat didapatkan nilai rata-rata adalah 89% pada kategori “Sangat Layak” digunakan. *Jobsheet* Praktikum yang dikembangkan dinyatakan sangat layak berdasarkan ahli media yang mencakup lima aspek meliputi: tampilan, kemudahan penggunaan, konsistensi, format dan grafik didapatkan nilai rata-rata adalah 88,63% pada kategori “Sangat Layak” digunakan. *Jobsheet* Praktikum yang dikembangkan dinyatakan sangat layak berdasarkan responden (guru) yang mencakup empat aspek meliputi: sajian, bahasa, grafik dan manfaat didapatkan nilai rata-rata adalah 92,39% pada kategori “Sangat Layak” digunakan.

Kata Kunci: Pengembangan, Media Pembelajaran, *Jobsheet*. Instalasi Motor Listrik.

ABSTRACT

Rafif Mahdi Lubis, NIM. 5203131017. *Development of a Job Sheet for the Electrical Motor Installation Subject in Grade XI Electrical Power Installation Technology at SMKS Imelda Medan. Thesis for the Electrical Engineering Education Program, Department of Electrical Engineering Education, Faculty of Engineering, University of Medan, 2025.*

This study aims to develop a jobsheet for the subject of Electric Motor Installation in Grade XI Electrical Power Installation Technology at SMKS Imelda Medan. The research location is at SMKS Imelda Medan. This research is a Research and Development (R&D) study. The research method involves four stages. First, define: initial analysis, analysis of students and curriculum, and formulation of objectives. Second, design: development of the Jobsheet outline, designing the learning content based on the syllabus used, selecting the format, and writing the Jobsheet (Draft I). Third, development: expert validation, Revision I, feasibility assessment, Jobsheet (Draft II), Revision II: feasibility assessment, and the final Jobsheet product. Fourth, dissemination, which involves introducing the new product. The developed Jobsheet was deemed highly feasible based on expert assessment covering four aspects: content feasibility, language, presentation, and benefits, with an average score of 89% in the “Highly Feasible” category. The developed Practical Jobsheet was deemed highly feasible based on media experts covering five aspects: appearance, ease of use, consistency, format, and graphics, with an average score of 88.63% in the “Highly Feasible” category. The developed practical jobsheet was deemed highly suitable based on respondents (teachers) covering four aspects: presentation, language, graphics, and benefits, with an average score of 92.39% in the “Highly Suitable” category.

Keywords: Development, Learning Media, Jobsheets. Electric Motor Installation

