

## ABSTRAK

Ricky Hidayat: *Pengembangan Jobsheet Pada Mata Pelajaran Pengelasan Siswa Kelas XI Di SMK N 1 Sirandorung*. Skripsi. Fakultas Teknik Universitas Negeri Medan.2022

Berdasarkan hasil observasi dan wawancara dengan guru mata pelajaran pengelasan Jurusan Teknik Kendaraan Ringan di SMK N 1 Sirandorung menunjukkan rata-rata hasil praktik siswa masih tergolong rendah dikarenakan siswa kesulitan saat melaksanakan praktik. Belum adanya *Jobsheet* yang diberikan oleh guru kepada siswa. Penelitian ini bertujuan untuk mengembangkan *jobsheet* pada mata pelajaran pengelasan siswa kelas XI di SMK N 1 Sirandorung dan untuk mengetahui tingkat kelayakan *jobsheet* pengelasan di SMK N 1 Sirandorung.

Metode penelitian ini adalah penelitian *research and development* (R&D) dengan model pengembangan *Four-D Models* terdiri dari 4 tahap 1) *Define* (Pendefinisian), 2) *Design* (Perencanaan), 3) *Develop* (Pengembangan), 4) *Dissaminate* (Penyebaran). Instrument yang digunakan yaitu 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 penelitian bahwa 1) Penelitian pengembangan ini menghasilkan sumber belajar sesuai dengan silabus yaitu *jobsheet* pengelasan yang terdiri dari empat kegiatan praktik. 2) Tingkat kelayakan *jobsheet* diketahui dari hasil validasi yang dilakukan oleh ahli media dikatakan sangat layak dengan presentase 91,6% pada kategori “sangat layak”. Menurut ahli materi *jobsheet* ini juga dikatakan sangat layak dengan persentase 99,4%. Berdasarkan hasil respon siswa sebagai pengguna diperoleh kriteria sangat layak dengan presentase 97%. Dari hasil tersebut dapat disimpulkan bahwa *jobsheet* pengelasan ini memang sangat layak digunakan sebagai media pembelajaran pada mata pelajaran pengelasan siswa kelas XI di SMK N 1 Sirandorung.

Kata kunci: pengembangan, uji kelayakan, *jobsheet*, pengelasan.



## ABSTRACT

Ricky Hidayat: *Development Jobsheeton Welding Subjects for Class XI Students at SMK N 1 Sirandorung. Thesis. Faculty of enggneering, state university of medan. 2022*

Based on the results of observations and interviews with the welding subject teacher of the Light Vehicle Engineering Department at SMK N 1 Sirandorung, it shows that the average student practice result is still relatively low because students have difficulty carrying out the practice. There is no *Jobsheet* given by the teacher to students. This study aims to develop a *jobsheet* on welding subjects for class XI students at SMK N 1 Sirandorung and to determine the feasibility level of a *jobsheet* weldingat SMK N 1 Sirandorung.

This research method is *research and development* (R&D) with a development model of *Four-D Models* consisting of 4 stages 1) *Define* (Definition), 2) *Design* (Planning), 3) *Develop* (Development), 4) *Dissaminate* (Deployment). 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 results were analyzed using quantitative descriptive analysis techniques.

Based on the research results that 1) This development research produces learning resources according to the syllabus, namely the *jobsheet* weldingwhich consists of four practical activities. 2) The level of feasibility of the *jobsheet* is known from the results of the validation carried out by media experts who are said to be very feasible with a percentage of 91.6% in the "very feasible" category. According to the material expert, *worksheet* thisis also said to be very feasible with a percentage of 99.4%. Based on the results of student responses as users, the criteria were very feasible with a percentage of 97%. From these results, it can be concluded that *jobsheet* this weldingis indeed very suitable to be used as a learning medium in welding subjects for class XI students at SMK N 1 Sirandorung.

Keywords: development, feasibility test, jobsheet, welding.

