

ABSTRAK

SYAHRI RHAMADAN, NIM. 5213321028, Pembelajaran Teknik Pengelasan SMAW dengan Model *Peer Teaching* untuk Meningkatkan Hasil Belajar di Kelas XI Teknik Pengelasan SMK Negeri 13 Medan. Skripsi, Jurusan Pendidikan Teknik Mesin, Fakultas Teknik, Universitas Negeri Medan.

Penelitian ini bertujuan untuk meningkatkan hasil belajar siswa pada mata pelajaran Teknik Pengelasan SMAW melalui penerapan model *peer teaching* di kelas XI Teknik Pengelasan SMK Negeri 13 Medan Tahun Ajaran 2024/2025. Penelitian ini menggunakan metode Penelitian Tindakan Kelas (PTK) model Kemmis dan Taggart yang dilaksanakan dalam dua siklus, dengan subjek sebanyak 32 siswa dari kelas XI Teknik Pengelasan. Model pembelajaran yang diterapkan Adalah *Peer Teaching*. Hasil penelitian menunjukkan adanya peningkatan hasil belajar siswa. Pada siklus I, rata-rata nilai siswa sebesar 67 dengan persentase ketuntasan 56,25%. Setelah dilakukan perbaikan pada siklus II, rata-rata nilai meningkat menjadi 85,37 dengan tingkat ketuntasan 87,5%. Dengan demikian, implementasi penerapan model pembelajaran *Peer Teaching* terbukti dapat meningkatkan hasil belajar siswa dalam mata pelajaran Teknik Pengelasan SMAW.

Kata Kunci: Hasil belajar, *Peer Teaching*, Pengelasan SMAW, Penelitian Tindakan Kelas

ABSTRACT

SYAHRI RHAMADAN, NIM. 5213321028, SMAW Welding Engineering Learning with Peer Teaching Model to Improve Learning Outcomes in Class XI Welding Engineering SMK Negeri 13 Medan. Thesis, Department of Mechanical Engineering Education, Faculty of Engineering, State University of Medan.

This research aims to improve student learning outcomes in the subject of SMAW Welding Engineering through the application of the peer teaching model in class XI of Welding Engineering SMK Negeri 13 Medan for the 2024/2025 Academic Year. This study uses the Kemmis and Taggart model Classroom Action Research (PTK) method which was carried out in two cycles, with 32 subjects from class XI Welding Engineering. The learning model applied is Peer Teaching. The results of the study show that there is an increase in student learning outcomes. In the first cycle, the average student score was 67 with a completion percentage of 56.25%. After improvements were made in cycle II, the average score increased to 85.37 with a completeness rate of 87.5%. Thus, the implementation of the Peer Teaching learning model is proven to improve student learning outcomes in the subject of SMAW Welding Engineering.

Keywords: Learning outcomes, Peer Teaching, SMAW Welding, Classroom Action Research