ABSTRAK

Doni Indra Tampubolon, NIM. 5123122008 : *Pengaruh Model Pembelajaran Problem Based Learning (PBL)Terhadap Hasil Belajar Menjelaskan Standar Gambar Teknik Siswa Kelas X Teknik Sepeda Motor (TSM) Di SMK Swasta Markus 2 Medan T.A 2017/2018*. **Skripsi**. Fakultas Teknik. Universitas Negeri Medan. 2017.

Penelitian ini bertujuan untuk mengetahui pengaruh model pembelajaran *Problem Based Learning* terhadap hasil belajarMenjelaskan Standar Gambar Teknik pada siswa Kelas X TSM SMK Swasta Markus 2 Medan T.A. 2017/2018.Populasi dalam penelitian adalah seluruh siswa kelas X Teknik Sepeda Motoryang terdiri dari 2 kelas. Pengambilan sampel dilakukan dengan cara teknik random sampling yaitu kelas X TSM 1 sebagai kelas eksperimen yang berjumlah 30 orang dan kelas X TSM 2 sebagai kelas kontrol yang berjumlah 30 orang. Kelas eksperimen diberi perlakuan dengan menggunakan model pembelajaran *Problem Based Learning*, sedangkan kelas kontrol diberi perlakuan menggunakan model pembelajaran Ekspositori. Instrumen yang digunakan yaitu tes hasil belajar dalam bentuk pilihan ganda dengan jumlah 20 soal. Dari hasil penelitian diperoleh bahwa hasil belajar menjelaskan standar gambar teknik menggunakan model pembelajaran *Problem Based Learning*lebih tinggi dari pada model pembelajaran EkspositoriSiswa Kelas X TSM SMK Swasta Markus 2 Medan. Hal ini ditunjukkan bahwa $t_{hitung} > t_{tabel}$ yaitu (5,10 > 1,671) pada taraf nyata $\alpha = 0,05$ sehingga Ho ditolak dan Ha diterima, yaitu untuk mengetahui pengaruh model pembelajaran *problem based learning* terhadap hasil belajar menjelaskan standar gambar teknik siswa kelas X TSM SMK Swasta Markus 2 Medan T.A 2017/2018.

Kata Kunci : *Problem Based Learning, Hasil Belajar, Gambar Teknik*

ABSTRACT

Doni Indra Tampubolon, NIM 5123122008: *The Effect of Problem Based Learning-learning model on Explaining Standard in Drawing Engineering learning results of Students grade X Teknik Sepeda Motor (TSM) at SMK Swasta Markus 2 Medan FY 2017/2018*. **Thesis.** Faculty of Technique. State University of Medan. 2017.

This study aims to determine the effect of Problem Based Learning-learning model on Explaining Standard in Drawing Engineering learning results of Students grade X Teknik Sepeda Motor (TSM) at SMK Swasta Markus 2 Medan FY 2017/2018. The population in this study is all students of grade X Teknik Sepeda Motor which has two classes. The sampling is done by random technique in grade X TSM 1 as the experimental class which has 30 students and grade X TSM 2 as the control class which has 30 students. Experimental class is treated by using *Prolem Based Learning-* learning model, and the control class is treated by using Expository learning model. The instrument used is learning results tests of 20 Multiple choice tests. From the result of study, known that results of study explains standard in drawing engineering by using *Problem Based Learning*-learning model is higher than Expository-learning model to students grade X TSM SMK Swasta Markus 2 Medan. It is shown that *thitung > ttabel* $(5,10 > 1,671)$ in a real level a = 0,05 so Ho is rejected and Ha is received, and that is to know the Effect of *Problem Based Learning*-learning model on Explaining Standard in Drawing Engineering learning results of Students grade X Teknik Sepeda Motor (TSM) at SMK Swasta Markus 2 Medan FY 2017/2018.

Keywords: Problem Based Learning, Learning Results, Drawing Engineering.