

## **ABSTRACT**

## THE EFFECT OF TEACHER CERTIFICATION TO TEACHER PROFESSIOANLISM STATE VOCATIONAL SCHOOL FIELD OF TECHNOLOGY AND INDUSTRY IN DIY

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Professionalism is a demand for teachers as a learning agent. Teacher certification is one of the program which expected to increase the professionalism of teachers. This study aims to determine the effect of teacher certification to teacher professionalism SMK state field of technology and industry throughout DIY.

This research is ex post facto research. The population of this study was all productive lesson teachers SMK state field of technology and industry throughout the province. Sampling technique used was an area probability sampling and proportional random sampling. The sample was 191 teachers from 10 State Vocational Schools of technology and industry, which consisted of 131 certified teachers and 60 teacher educators who had not been certified educators. The data collection of teacher professionalism was performed by the method professionalism assessment of teachers by department head. While the data collection of teacher certification performed by the method documentation. Test the validity of research instruments using expert judgment and Product Moment correlation. Instrument reliability test using split half technique with Spearman Brown formula. Then, The data performed a descriptive analysis with the software Microsoft Excel 2007 for Windows. Testing requirements analysis conducted by a formula that is the normality test with Chi square and test homogeneity with F test. Hypothesis testing is done by t test analysis for one tail test, i.e. testing the right side with significance level 5%.

The results showed that the professionalism of productive lesson teachers SMK state field of technology and industry certified educators 58.02% in the category of very high, 36.64% in the high category, and 5.34% in the category enough. While the professionalism of productive lesson teachers that has not been certified educator of 45% at very high category, 45% in the high category, and 10% in the category of enough. In addition there are differences in the professionalism of productive lessons teachers. Productive lesson teachers certified educators more professional than productive lesson teachers that has not been certified educators. This is evidenced from t test where t count 2.260 is greater than t table 1.654 (t count > t table). Thus there is the effect of teacher certification to teacher professionalism SMK state field of technology and industry throughout DIY.

Keyword: certification, teacher, professionalism