RELEVANCE BETWEEN COMPETENCE OF MACHINING IN VOCATIONAL SCHOOL WITH COMPETENCE REQUIRED IN THE INDUSTRY

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ABSTRACT

The objectives of this study are: (1) Evaluating the level of relevance of the basic competencies of mechanical engineering SMKs to the needs of competencies in the industry; (2) Evaluating the relevance level of vocational machining engineering competencies to the competency needs in the industry; and (3) Evaluating the level of relevance between the knowledge competencies, skills and attitudes of SMK graduates with the competencies needed in the industry.

The study was conducted using quantitative descriptive research in the form of comparison. Comparisons are made of the competencies taught with the required competencies. Data sources were obtained from 11 VHS, 24 graduates who worked in the machining industry, and 7 people from the machining industry. Data collection methods using observation, interviews, and questionnaires. Research instruments: observation guide, interview guide, and questionnaire. The method of data analysis uses comparative descriptive analysis.

The results of the study: (1) The level of relevance of the basic competencies of mechanical engineering VHS to the needs of competencies in the industry is very relevant; (2) The level of relevance of vocational engineering machining competencies to the needs of competencies in the industry is very relevant and (3) The level of relevance measured by the level of user satisfaction between the competency of knowledge, skills and attitudes of vocational graduates with the competencies needed in the industry is industry satisfied.

Kata Kunci: *relevance, machining, vocational, industry*