

# PRODUCTIVE COMPETENCE PROFILE OF VOCATIONAL SCHOOL STUDENTS IN LIGHT VEHICLE ENGINEERING FOR PREPARING GLOBAL COMPETITION

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## ABSTRACT

This research was aimed to: (1) identify the competence test material of Vocational Light Vehicle Engineering (TKR) study program, (2) Know competency test assessor in SMK TKR, (3) analyze the results of competency tests in SMK TKR, (4) Know certification of competency test results in SMK TKR. This research was used survey approach with data resources from practical test assessor in SMK in DIY. The research data was taken by using documentation and interview method. Furthermore, it was analyzed by quantitative descriptive method. The research results showed that: (1) practical test material covered 4 assessment subject (engine overhaul, tune up and repair engine management system, overhaul manual transmission, and install and repair body electrical system) which be performed by 60% SMK. In the other hand, 40% SMK performed 8 assessment subject (Tune up conventional gasoline engine; maintenance and repair engine and components, clutch, manual transmission, final drive, brake system; inspect and adjust front wheel alignment; maintenance and repair body electrical system). (2) Practical test assessors were national standard for Professional certification (BNSP) certified teachers, certified teachers from Professional certification institution (LSP), uncertified teachers, industrial elements, and certified assessors from Vocational Training Centers (BLK). (3) the practical assessment results were showed very good final results, but the assessment process did not show real competencies of the students yet. (4) The certificate was be released by partnership of SMK and the institution partners, are vehicle service workshop, MPKD, and BLK.

Kata Kunci: *Competence assessment, Practical assessment, Professional certification*