

# ANALYSIS OF EXPERTISE COMPETENCE EXAMINATION (UKK) ENGINEERING VOCATIONAL SCHOOL IN DIY

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## ABSTRACT

The objectives of this study were: (1) To analyze the suitability between KIKD and the competencies tested in the UKK vocational skills engineering skills competency, and (2) Analyze the results of SMK UKK machining techniques viewed from the aspects of preparation, process, attitude, results, and time.

The research method used is descriptive research method. The research subjects were selected from SMKs that had relatively complete machining practice facilities, namely four State Vocational Schools in Yogyakarta (SMKN 2 Depok, SMKN 2 Wonosari, SMKN 3 Yogyakarta, dan SMKN Sedayu) and one Private Vocational School (SMK Muhammadiyah 3 Yogyakarta). Methods of collecting data: observation, interviews, and documentation. Research instruments include: observation guides, interview guides, and document analysis sheets.

The results showed: (1) theory UKK in the KIKD engineering skills competency vocational school for C2 and C3 subjects tested at 89% and UKK practice tested only 16.67%. The implementation of the theoretical UKK was not conducted for each subject C2 and C3 but became a set of questions; and (2) Preparation of practical UKK has been prepared by the school according to the UKK SOP, machine verification has been carried out but the machine calibration process for the test was not carried out.

Preparatory aspects of the student's side have been going well with the shown aspects of preparation with almost all students gaining maximum grades. The aspect of the UKK process from the school has provided all the examination facilities. UKK from the process, results and time aspects of the students have been able to carry out the exam with the results of all students competent.

Kata Kunci: *competency, competent, vocational school*