

USE MOTORCYCLE EXHAUST GAS ANALYZER TRAINING FOR TEACHERS, TECHNICIANS AND STUDENTS OF SMK DIPONEGORO SLEMAN

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ABSTRACT

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This community service program activities, entitled " Use Motorcycle Exhaust Gas Analyzer Training for Teachers, Technicians and Students of SMK Diponegoro Sleman" aims to: provide the knowledge and skills for teachers, technicians, and students in achieving one of the competencies set out in its curriculum, the competence "Use and maintain measuring devices Exhaust Gas ". The community service program activities are carried out by providing vocational training to students of SMK Diponegoro Sleman through the following activities: Training Theory with a lecture and demonstration, Training Practice with demonstrations and exercises independent methods, and concludes with an evaluation by Student Competency Test. The community service program activities are carried out in the FT UNY Automotive Workshop from July 23 till July 26, 2018 and followed by as many 5 teachers, 2 technicians, and 74 students.

Based on the evaluation through the Test of Competence in the "PPM" activities can be concluded that: students from as many as 58 people turned out to trainees most students (78.3 %) Already Competent with details Category: Very Good = 34 people (45.9 %), Good = 12 person (16.2 %), the category of Self = 12 people (16.2 %), while the remainder 16 people (21.7 %) Not Competent Enough and Fall. While the teacher and technician were not tested.

Kata Kunci: *Training, Motorcycle, Exhaust Gas Analyzer*