

Training of motorcycle exhaust gas emission testing for Teachers and Students of SMK Diponegoro Depok Sleman

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ABSTRACT

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There are two aims of this Community Service Program in SMK Diponegoro Depok Sleman namely to increase the awareness of the teacher to the important of the training object of exhaust gas emission specifically for motorcycle, and to help students in achieving their competency of exhaust gas emission testing.

The training was conducted in many activities, namely Lecturing, Demonstration, and Individual testing. Lecturing was conducted to introduce or explain theories related to the exhaust gas emission, while the demonstration was conducted to introduce to the trainee how to operate the exhaust gas analyzer which is used to measure the emission produced by the vehicle. Finally, test was conducted individually to measure the mastery of the trainee.

The implementation of this community services can be concluded success simply because all the trainee successfully performed well in testing exhaust gas emission using exhaust gas analyzer.

Keywords: Community Service Program, exhaust gas emission testing, training for teachers and students, SMK Diponegoro Depok Sleman

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