

Pollution Reduction and Increasing of Efficiency Use of Fuel by Building Up the Bus Preventive Maintenance System and Environmental Management System

Sayam Aroonsrimorakot*

Faculty of Environment and Resource Studies, Mahidol University, Nakhon Pathom 73170, Thailand

Abstract

The research project on pollution reduction and increasing of efficiency use of fuel by developing the bus preventive maintenance system and environmental management system was conducted in Bangkok and vicinity with 26 private joint bus companies/ entrepreneurs. The result of bus preventive maintenance management of investigated entrepreneurs was found that 3 entrepreneurs were excellent management, 9 entrepreneurs are good and moderate management each, 4 entrepreneurs were fair management, and 1 entrepreneur was less management with improvement requirements. In good practice of environmental management, the result was found that 1 entrepreneur was excellent management, 4 entrepreneurs are good management, 11 entrepreneurs were moderate management, and 6 entrepreneurs were fair management. Also there were 4 entrepreneurs need for improvement.

Key words: pollution prevention / efficiency increase of fuel use / preventive maintenance system
