***Abstract***

*Emission of gas gases from vehicles have some negative effects to humans. One of it is about carbon monoxides gases. This gas has a capability to bound with the hemoglobin in our blood faster then oxygen, this will interfere with the bloods function. Motorcycles vehicles as one of the sources of CO emissions. Motor vehicle repair shop is a workplace that has a CO contaminant levels high enough as a result of emissions produced by motor vehicles. From the research,  the lowest concentration of CO accumulation observed in emission sources Honda Supra X 125 of 2009 on a single ignition source of emissions equal to 35 ppm. While the highest levels of accumulation observed in emission sources Supra X 125 of 2007 on the ignition as many as six sources of emissions that is equal to 136.33 ppm*. *Based on the analysis there is influence between the number of ignition sources of emissions and machine’s lifespan to the accumulation of CO concentration inside the garage space*. *When compared with the Threshold Value in Workplace Air by 25 ppm, the results obtained on these workshops, the average has exceeded the threshold value*

*Keywords: Concentration of  CO in the Room, machine’s lifespan, Number of Ignition Source Emissions*