



The finding of this study revealed that in age group 35-40 years of both textile workers and metal stamping workers had mean systolic and diastolic blood pressure higher than the comparison group ( $P < 0.001$ ). In the age group of more than 50 years, the result showed that the textile workers had mean systolic blood pressure higher than comparison group ( $P < 0.01$ ). Some significance factors which related to blood pressure were percent noise dose, number of years exposed to noise, number of years used personal protection equipment (earplugs), age and body mass index. According to a multiple logistic regression analysis, the prevalence of essential hypertension was found to be statistically significant a compare to family history of hypertension ( $OR = 4.37$ ), Age ( $OR = 1.24$ ) and percent noise dose ( $OR = 1.01$ )

It is recommended from this study that reducing of noise level be very important the educational and survillance programs are also essential among high noise exposed workers.