

INTRODUCTION

The number of cars in Egypt had increased several fold in the last two decades. This increase is accompanied by an increase in the number of workers who repair and do maintenance to these cars. Also, health hazards among those workers will increase (*Hanguenoer, 1990*).

The car is formed of different parts and needs more than five groups of workers for its maintenance as engine maintenance, body repair, car painting, electric maintenance, and upholstery maintenance workers, etc.. (*Pietre et al., 1990*).

The danger of exposure to different chemicals as solvents, metals, and resin in addition to the exhaust gases, vapors, fumes and dust also may harm the health of those workers. Physical hazards are also present as exposure to infra-red and ultraviolet radiation's in arc welding operation. Noise, heat exposure (*McCunney, 1988*). The engine maintenance, body repair workers and painters are also exposed to trauma.