

ABSTRACT

This project study, investigated some general ergonomic factors, and its effect on production, at an electronic assembly plant. The data collected and analysed could be useful information for further research in this field.

Measurements of illumination was taken, from which it was easy to observe, need for better lighting and placement of light.

With respect to noise, it did not appear to be harmful from measurements taken, and compared with that of international standards.

The data suggested need for further research into the environmental factors, moreso based on temperature and humidity, and with respect to ventillation and flow of natural air, recommendation for air conditioning was made.

The physical work space could be classified as adequate, since in carrying out the job performance, workers did not appear to have any difficulty.

The set up as seen in photograph was adequate and conformed to the various national standards.

Many studies have been carried out on design of seating, and it is obvious that the company has made an attempt, to have their workers comfortably seated.

Production figures were not very high, by international standards, but a good quality product was manufactured.

An ergonomic study involving women in the work place, and their behavioural pattern, can be further researched to assist employers in recruitment and functional layout of factory space.

Management expressed hope and desire, to have both quality and quantity, as high as possible in the near future.

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