

A virtual Training Program on the Ironing Skills in Apparel Factories in accordance with Ergonomics regulations.

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Abstract

Virtual training programs are the product of modern scientific and technological progress, that recently attracted the interest of scholars and specialists in various field. Training is attributed with a paramount importance in the growth and the development of personnel skills and capabilities. The apparel industry urgently urges for efforts in establishing training schemes especially those interactive ones such as the virtual training programs. This paper is a response to this immense need for better quality training for workers in this industry.

The present study aims to design and evaluate a virtual training program that helps improving the level of ironing workers skill in garment factories. and to measure the effectiveness of the proposed program to acquire ironing skills. Following a quasi-experimental study, The most important tools used to evaluate this virtual training program, an achievement test (pre and post) to measure the level of acquisition of the trainees of the knowledge covered in the training program, and a note card performance skills to measure the acquisition of the trainees of the skills included in the pilot program,. The sample consisted of 10 workers of the productivity unit at the Faculty of Home Economics, Helwan University. Among the most important findings of the research that the virtual training program has managed to provide workers with a statistically significant level of ironing skills in garment factories, with a statistically significant difference between the mean scores of the respondents in the pre-test and post test knowledge in favor of the post-test, as well as the presence of statistically significant differences between mean scores of the note card performance skills before and after in favor of the post application.

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