

The Effect of Participatory Ergonomics in Increasing the Efficiency of Metal Furniture Systems in Office Workstations

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Abstract

This research provides illustrative study of the importance of activating the benefit of participatory ergonomics in the design of metal furniture systems for office workstations, in accordance with the principles as well as the ergonomics considerations of participatory ergonomics processes to fit with the users capabilities and duties to achieve the greatest possible ergonomics functional comfort and performance to minimized the stress.

Research problem emanates from the need to activate the role of participatory ergonomics in metal furniture design of office workstations in proportion to the achievement of human values and psychological requirements that must be met the user, as well as reduce the stress caused by repeated erroneous jobs in the use of products related to metal furniture systems.

The research aims to shed light on the impact of participatory ergonomics in increasing the effectiveness of metal furniture systems of office workstations.

The research divided into four parts , the first part focus on the concepts related to participatory ergonomics, while the second parts deals with the characters of metal furniture systems of office workstations, the third part shows the importance of applying the participatory ergonomics in the design process of metal furniture systems of office workstations, the research ends with the fourth part that applies participatory ergonomics in the design of metal furniture systems of office workstations .

Keywords :

Participatory Ergonomics -Metal Furniture -Furniture Design -Office Workstations