

## **The Contributions of Occupational Ergonomics in Industrial Hygiene**

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### **• Abstract:**

This summary reviews the general features and findings of the research, entitled " The Contributions of Occupational Ergonomics in Industrial Hygiene". The research focuses on clarifying the role of Occupational Ergonomics in the field of studying the risks and security of people in the workplace along with supporting and reinforcing public health, through demonstrating the characteristics of this science in terms of its division into the types of interfacing between Human and the components of the workplace (the Technology of Occupational Ergonomics), which helps classify the types of confrontation and identify the disciplines and sciences that study and analyze risks : it is characterized by the study and analysis of systems , their interaction with each other and the resulting impact on the human (macro ergonomics) , in addition to provide solutions through the program Occupational Ergonomics , which is one of the most practical aspects of this science.

Given that Industrial hygiene is modern science, involved the health and safety of human in the work place, this research reviews the role of Ergonomist and the contributions of this science in general in the stages of Industrial hygiene so as to achieve integration to realize the common goal better, which will be reflected Human health, production efficiency, reducing occupational injuries and diseases in the workplace.

**• Key words:** Occupational Ergonomics - Industrial Hygiene - Systems - macro ergonomics - Interface – Safety and Occupational Health