

EDITORIAL BOARD

CONDUCT HAZARD ANALYSIS



3G E-LEARNING

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PREFACE

Hazard analysis is the initial step of developing an effective HACCP program. The intent is to prioritize the hazards, biological, chemical or physical, that must be monitored and controlled during the handling and production of the oyster product. Hazard analysis is used as the first step in a process used to assess risk. In quantitative hazard analysis, we attempt to determine the likelihood of an adverse event occurring, and the potential cost in terms of injuries, financial loss, etc. This is known as a risk assessment, which most businesses are required by law to complete. A risk assessment is not about creating huge amounts of paperwork. Instead, it will help you consider all the possible risks in the workplace and the ways you can keep people safe from these risks. To create a well-rounded risk assessment, you will need to go through a series of steps to then write the assessment. The hazard analysis should follow all steps described in the process flow-diagram and evaluate each one for all potential food-safety hazards that may be introduced or augmented at each step.

Organization of the book

The information is organized into eight chapters in this book. This book is designed for operations, technology, engineering, maintenance and safety managers; technical, operations and maintenance engineers; frontline supervisors with prior exposure to operational risks; PHA element/committee leader and team members; and site process safety management committee members.

Chapter 1 introduces the hazard analysis and risk assessment. A hazard analysis is used as the first step in a process used to assess risk. The result of a hazard analysis is the identification of different type of hazards.

Chapter 2 presents an overview of hazard identification. Hazard identification is a part of risk assessment in which the hazards are identified for further investigation. Once the hazards are identified then proper measures can be taken to eliminate them by using engineering controls.

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