



ESF Human Solutions Sdn Bhd

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HAZARD IDENTIFICATION, RISK ASSESSMENT AND RISK CONTROL (HIRARC) - AS A TOOL FOR ACCIDENT PREVENTION

2 Days Course (9.00am – 5.30pm)

COURSE OVERVIEW

Hazard Identification, Risk Assessment and Risk Control or HIRARC is an established method in the manufacturing industry and other workplaces to identify hazards, assess risks and implement control measures. The aim is to reduce or minimize the hazards if they are not possible to be eliminated completely. It is a systematic and thorough method performed by a team of personnel from relevant operation units such as Engineering, Safety, Production, Warehouse and Project. The successful implementation of HIRARC at the workplace will help to prevent or reduce the occurrence of accidents.

This training is intended for engineers, safety personnel, plant personnel and other workplace safety personnel. They will learn to identify the hazards at the workplace and determine the degree of risks posed by each hazard. Participants will be shown the HIRARC methodology and understand the role in team work. A review of the current safety practices and accident record in the place of work will also be included to enhance participants' knowledge. With the newly introduced HIRARC format by DOSH, the training will emphasize on this new format in HIRARC reporting.

During the training, participants will take part in hands-on HIRARC process of chosen workplace processes. The exercise will be facilitated by our trainer who will coach participants with useful tips in conducting an effective HIRARC.

COURSE OBJECTIVES

At the end of this training, participants will be able to understand the methodology of HIRARC, prepare HIRARC report, conduct follow-up and lead a HIRARC team effectively

COURSE CONTENTS

- Overview of OSHA 1994 on hazards and risk management
- Introduction to Hazard Identification techniques
- Risk Assessment and Management
- Five steps to assess risks at the workplace
- Task analysis
- Risk Matrix and ranking
- Hierarchy of control in safety and health
- Consultation, Risk Control and Mitigation
- Concept of 'ALARP' in risk control
- Report preparation, follow-up & residual risk

HOW YOU WILL LEARN

The emphasis throughout the training is on detailed presentations followed by individual exercises, group work and interactive discussions.

WHO SHOULD ATTEND

Managers, executives, engineers, technicians, safety & health personnel and those who wish to enhance their knowledge on HIRARC.

Note:

Please reach out to us via 6012-396 2382 (Phone call or WhatsApp) for more details or in-house program arrangement.