



FMM Institute (475427-W)
Penang Branch

Behavioral Based Safety & Accident Prevention

17-18 July 2013
9.00 am – 5.00 pm
Training Venue:
FMM Institute, D’Piazza Mall, Penang

**SBL SCHEME
CLAIMABLE FROM PSMB**

INTRODUCTION

The last thing we want to hear is about accidents in work place which had a fatal or disabling result. As a matter of fact it is a reality there are lots of this incidents happening in our work environment. Most of the causes for these incidents were due to “Human Care Less Ness” “Human Behavior”. In this program special focus has been given to Incidents which are caused by Human Behavior which could prevent about 80% of the Industrial Incidents / Accidents. The participants shall also be equipped with the Accident Prevention tool HIRARC.

CONTENTS

- ❖ Introduction
 - Back Ground of Occupational Safety and Health
- ❖ Causes of Incidents / Accidents / Near-Miss
 - Unsafe Conditions
 - Unsafe Acts
- ❖ Behavior Based Safety
 - Relation between Behavior and accidents
 - Behaviors that create unsafe situation
- ❖ Requirement
 - Factories and Machinery Act 139 1967
 - Occupational Safety & Health Act 1994
- ❖ Characteristics of Accidents
 - Sequence of Events Leading to the Incident
 - Single / Multiple Causes
- ❖ Accident Prevention
 - Hazard Identification
 - ✓ Types of Hazards

- Chemical
 - Gas / Liquid / Powder / Solid
 - Air
 - Skin Absorption
 - Ingestion
- Mechanical
 - Moving Parts
 - Pinch / Warp / Shear Points
 - Crush / Pull-in / Burn Points
 - Free Wheeling Parts
 - Thrown Objects
 - Stored Energy
- Ergonomic
 - Lighting
 - Noise
 - Environmental Temperature
 - Physical Stress
 - Sitting
 - Computer Usage
 - Writing
 - Repeated Motion
 - Lifting
 - Awkward position
 - Vibration
- Heights
 - Falling Object
 - Falling from Height
 - Over Head Cranes
- Slip, Trips & Falls
 - Wet Floor
 - Obstructions
 - Oily Floor
 - Pot holes on Floor
- Electricity
 - Shock
 - Arc Blast
- Moving Vehicles
 - Lorries / Trucks
 - Lift Trucks / Milk Runs
- Biological
 - Air Borne
 - Water / Food Borne
 - Contact
 - Bodily Fluid
- Risk Assessment
 - ✓ Methods & Tools of Risk Assessment
- Risk Control
 - ✓ Hierarchy of Control
- ❖ Near Miss / Incident / Accident Investigation
 - The Need for Accident Investigation
 - ✓ Prevention of repeated incident / accident
 - Investigation Strategy
 - ✓ Steps in Accident Investigation.
 - Gathering Information
 - Establish Facts
 - Isolate Contributing Factors
 - Determine Causes / Root Cause
 - Determine Corrective Action
 - Report & Review the Finding
 - Analyze Accidents
 - Implementation of Corrective Action.

OBJECTIVES

After attending this workshop, participants will be able to:

- To describe the causes of Accidents (Unsafe Condition & unsafe Acts).
- To describe the steps required to prevent the Behavior Related Accidents (Unsafe Acts)
- Identify accidents.
- Evaluate the Risks
- Come up and implement Control measures to prevent both unsafe conditions & unsafe acts.

THE FACILITATOR

R.Anbalagan V.Ramasamy holds a Bachelor of Science in Electrical and Electronics Engineering from Southern Pacific University, a Certified Safety Officer (JKKP IS 127/438/2/4358) and certified as Lead Assessor in ISO14001:2004 and OHSAS18001:2007. He is a certified and a competent Forklift person and a NIOSH certified Competent Trainer. FMM Perak Course Facilitator. FMM Penang Course Facilitator.

His Career has taken him across a well-known American MNC company a well-known Semiconductor Sub-con company. His working career of 25years has taken him from Maintenance Technician, Production Supervisor, Production Executive, Equipment Engineer, Technical Trainer, and Training/Safety Executive to EHS Manager.

His career success includes setting up and facilitating of Small Group Work Team, Leading TPM Teams, Cost saving projects, Leading Preventive Maintenance Teams in setting up Preventive and Predictive Maintenance System, assisted in ISO9001 and TS16949 certification and recertification. Set-up ISO14001:2004, OHSAS18001:2007 Management Systems for Semiconductor, Fabrication, Assembling and Full recovery facilities.

He has 5 years experience in conducting in-house and public programs in TNA, Environmental, Occupational Safety & Health Awareness, Forklift Safety / Competency, all Environmental, Safety and Health related trainings, HIRARC/ HIRADC / Aspect & Impact implementation, ISO14001 and OHSAS18001 Implementation.

TARGET GROUP

OSH MR/EHS Chairmen/Safety and Health Committee Members and any other interested employees.

ADMINISTRATIVE DETAILS

COURSE FEE	RM760 FMM (Member) / RM850 (Non-Member) per participant (The fee includes luncheon, coffee/tea breaks and notes)
DRESS CODE	Office attire
REGISTRATION	Participation in the programme is based on a first-come-first-served basis. Cheques made in favour of the " <i>FMM Institute</i> " should be forwarded on or before programme date to the FMM Institute, Penang Branch, Bandar Seberang Jaya. Participants who registered but did not attend, will be billed accordingly.
CANCELLATION	There will be no refund for cancellation within 2 days prior to the programme, 50% for cancellation between 3 – 6 days and full refund for cancellation 7 days prior to the programme. Please inform in writing if you intend to cancel. A replacement can be accepted at no additional cost.
DISCLAIMER	The FMM Institute reserves the right to change the facilitator, date and to vary / cancel the programme should unavoidable circumstances arise. All efforts will be taken to inform participants of the changes. Upon sending the registration form, you are deemed to have read and accepted the terms and conditions.

ENQUIRIES

Ms Nazliza / Mr Aidi
FMM Institute
No 2767, Mk 1, Lebu Tenggiri 2,
Bandar Seberang Jaya, 13700 Seberang Perai
Tel: 04-6302052 Fax: 04-6302054
E-mail: nazliza@fmm.org.my / aidi@fmm.org.my
Website: <http://fmm-im.fmm.org.my> (Northern Branch)

CLOSING DATE 10 JULY 2013

REGISTRATION FORM Behavioral Based Safety & Accident Prevention

17-18 July
9.00 am – 5.00 pm

Training Venue:
FMM Institute, D'Piazza Mall, Penang

To : Ms Nazliza/(Fax : 04-6302054/)
FMM Institute (Penang Branch)

1. Name : _____

Designation : _____

Email: _____

2. Name : _____

Designation : _____

Email: _____

3. Name : _____

Designation : _____

Email: _____

4. Name : _____

Designation : _____

Email: _____

Enclosed cheque / bank draft no. _____ for
RM _____ being payment for
participant(s) made in favour of **"FMM Institute"**

Submitted by :

Name: _____

Designation: _____

Company: _____

Address: _____

Tel : _____

Fax: _____

Email: _____

Membership No. : _____