COURSE OUTLINE FOR TRAINING PROGRAMME

COURSE TITLE: SAFE HANDLING OF OVERHEAD CRANE

TRAINING DURATION

- Duration: 9am -5pm
- One day

1. INTRODUCTION

- The purpose of this training is to develop skills and knowledge for employees appointed as authorized persons who can operate overhead cranes i.e. competent persons in the factory. Besides, operator cranes must ensure safely perform their assigned tasks and understand that they must operate the lifting equipment according to the manufacturer's specifications. In addition to complying with all legislated requirements.

2. OBJECTIVES

Participants will benefit by being able to:

- Understand how to operate the overhead cranes safely.
- Understand devices and tools that will be used during lifting activities.
- Learning the procedure of lifting activities in the premises.

3. OUTLINES

SECTION 1:

- Outcome
- Scope
- Legal requirement of FMA 1967
- Type of crane and safety features brief
- Roles & responsibilities of operator crane
- PPE requirement for operating cranes
- Root cause of overhead cranes accidents

SECTION 2:

- Inspection of the overhead crane
- Duties of crane operator
- Checklist inspection for overhead cranes
- Workplace inspection
- Check the function of the overhead crane
- Planning of lifting load and rules operating

SECTION 3:

- Rigging and hoisting
- Chain sling inspection
- Type of chain sling
- Identify the working load limit (WLL)

SECTION 4:

- Duties of a signalman
- How to deliver the signal
- Demonstration of hand signals
- Group practical

4. TARGET AUDIENCE

- Operators
- Technician, Personnel, Engineer & Supervisor

5. CERTIFICATION

- Having completed and passed the course, participants will be awarded the certificate of participation.

TRAINING TOOLS PREPARED

- Checklist overhead crane
- PPE
- Work instruction for handling overhead cranes.