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<b>Course Title:</b>	<b>Machinery Operator Awareness Training</b>	<b>Date:</b> Nov 01, 2021
<b>Duration:</b>	<b>1 Day</b>	<b>ITAC- TRG-145- MOAT</b>
		<b>Revision No.00</b>

### COURSE OUTLINE

#### I. Course Objectives

This one-day awareness course provides participants with a basic understanding hazards and risk controls covers a wide range of machinery and different types of construction equipment's.

#### II. Learning Outcomes

After the training the participant will be able to:

- Understanding the definition of the machinery.
- Understanding the Legal requirements. (DM code of construction safety practice and DM technical guidelines)
- Understanding the work site and machinery Hazards.
- Understand the Safety precaution measures.
- Understand Grip Force and Ergonomic Tools (Choosing the Right Tool / Machinery for the Job)
- Understanding the safe work practice. (PTW, Method Statement, Risk assessment, internal procedure etc)
- Understanding the requirements for PPE & protective clothing.
- Understanding the third-party certification requirements.
- Understanding the requirement of Electrical Safety at the workplace.
- Understanding the overhead and underground electrical hazards.
- Understanding the Safety precaution measures near to the excavation area.
- Understanding the requirement of Daily and week inspection.
- Understanding the concept of colour coding system.

#### III. Course Content

Topics Covered Include:

- Introduction to Power tools.
- Basic Safety precaution.
- Importance of Manufacture instruction.
- Mechanical Hazards.
- Hazard identification.
- Risk Assessment.
- Guarding of power tools.
- Personal protective equipment's.
- Control measures to be adopted for safe work.



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- Roles and responsibilities of personnel (Machine operator, Flag man, Site Supervisor, Co-workers, Electrician, and engineer)
- Establish the Qualification and Regulations, for the Safe Use of Hand and Power Tools.
- Understand Safety Procedures and Proper Operating Approaches with Tool Operations.
- Identify and Explain All Major Components and their Functions.
- How to Finish a Daily Pre-Use Inspection.
- Understanding the emergency communication and emergency action plan.
- Incident reporting and emergency communication.
- Different types of Construction Equipment.
- Rotating parts of the equipment's and machinery's.
- Safe & Unsafe equipment tagging system.
- Maintenance of work equipment.
- Environmental Hazards.

#### V. Assessment

- Oral/ Written/ Practical Assessment

#### VI. Course Duration

- 01day

#### VII. Certification

- Successful delegates will be issued a certificate valid for 2 years.

#### VIII. Approval

- DM Approved
- KHDA Approved

#### IX. Language of Teaching

- English
- Arabic
- Hindi
- Tagalog
- Malayalam
- Tamil

#### X. Mode of Training

- Face to Face
- On site
- Online
- Virtual

#### XI. Delegates

- 6-12 per batch