



# IN-HOUSE TRAINING COURSES

## Mining, Engineering and Manufacturing

Whether you need in-depth training or an overview of a subject, **EES-SIYAKHA** will provide cost effective courses direct to your organisation, offering you convenience, confidentiality and flexibility. Our most popular mining, engineering and manufacturing training courses are below. To find out more, click on your topic of interest:

### **Shutdown and Turnarounds**

**Equipping you to project manage your turnarounds and shutdowns and deliver on time, first time, on budget and on specification**  
**Earn 3 CPD Credits (CPD ref. SAAMA00279)**

Plant shutdowns for scheduled major maintenance work are the most expensive and time consuming of maintenance projects because of the loss of production and the expense of the turnaround itself. The planning, preparation and execution of a turnaround is a complex undertaking that demands effective strategies and attention to details. This course will give you a profound understanding of the critical elements to ensure successful turnarounds as well as the drivers and constraints that shape the event.

### **Asset and Maintenance Management**

**Optimise your capital investment through the improvement of the performance of your physical assets**

The course will help you to determine your asset management maturity level and understand the real challenges facing asset management today. You will be able to identify the gaps of where you are versus where you want to be and to assess where you are in terms of basic maintenance planning. You will be able to sell maintenance to top management through understanding the real contribution that it makes to the profitability of the organisation, and understand the requirements for good maintenance schedules and how these are produced.

### **Root Cause Analysis (RCA)**

**Providing a methodology for investigating, categorising and eliminating root causes of incidents**  
**Earn 2 CPD Credits (CPD ref. SAAMA00281)**

RCA allows us to explain the what, how and why of the undesirable event. It identifies the basic source or origin of the problem. RCA separates facts from hearsay. When the facts are backed up by evidence and science, we have a better understanding as to the real root causes of the problem. The course will give you an understanding of the RCA process. You will know how and when to implement RCA in the context of the organisation's overall reliability improvement strategy, determine how to identify common manufacturing errors and deviations, and learn how to develop and implement an effective RCA Failure Analysis Programme.

### **Basic Warehouse Management Principles**

**Establish basic knowledge of warehouse management, enhance efficiency and effective management of the warehouse/store room**

The course covers stock control and the importance thereof, stock levels, stock location, physical control and security, inventory record accuracy, causes of inventory record errors, measuring inventory record accuracy, auditing inventory records, packaging of stock, materials handling, process flow and selection, continues process improvement, receiving and dispatching of stock, layout of warehouse or store room, cost of handling stock, health and safety in the warehouse, and much more.

### **Reliability Centred Maintenance (RCM)**

**Get a full understanding of RCM and how to apply it for the review of existing and the development of new maintenance schedules**

By the end of this course you will have a full understanding of RCM and how to apply it for the review of existing and the development of new maintenance schedules. Through the use of practical case studies you will learn the practicalities of applying RCM effectively. In addition, you will learn the concept of the RCM Task Force and how to launch an RCM Programme in your own organisation.

### **Total Quality Management**

**Providing you with an understanding of the objectives of Quality Management**

The course introduces you to the basic concepts of Quality Management, and the importance of providing exceptional quality to satisfy all shareholders and customers. A very important part of the course includes discussion of the basic tools of qualities, and how this can be implemented in any organisation. You will understand the objectives of Quality Management, namely Awareness, Control, and Improvement.

### **First Line Management**

**Line Manager (Supervisor) Development in the Manufacturing, Mining and Engineering Sectors**

The course has been developed from a practical viewpoint, in consultation with experienced Production, Quality, Logistics and Project Managers. The transition from worker to manager is difficult and must be coached and mentored so that the candidate is well prepared to manage the "actions" in the plant/organisation. Through this course, you are introduced to the concepts needed for leading a team and raising the production, logistics and quality standards of an organisation. This is a practical, skills-based course that blends theory and practice.

### **Lean Manufacturing Training**

**An entry-level course that emphasises basic production, manufacturing, and quality assurance principles, policies, processes, and practices**

You will be introduced to concepts needed for the effective and efficient planning, management and control of production systems. The course will help you develop an intuitive understanding of the behaviour of product flows in manufacturing systems, have a good understanding of quality, be acquainted with the structure of production line and flow design, ergonomics, productivity measurement, and production improvement.



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## In-House Training : Enquiry Form

Title: \_\_\_\_\_

First Name: \_\_\_\_\_

Surname: \_\_\_\_\_

Name of organisation: \_\_\_\_\_

Address of organisation: \_\_\_\_\_

\_\_\_\_\_

Phone Number: \_\_\_\_\_

Fax: \_\_\_\_\_

Email: \_\_\_\_\_

Please let us know what information you require:

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Please provide the course topic (s) in which you are interested :

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Who is this course aimed at? \_\_\_\_\_

What is their level of expertise? \_\_\_\_\_

Number of delegates attending? \_\_\_\_\_

Preferred date (s) to receive training? \_\_\_\_\_

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**FAX THE COMPLETED FORM TO HENNIE AT (011) 726 2400.**

**ENQUIRIES: Phone Hennie on (011) 726 3040 or e-mail him at [hennie@eess.co.za](mailto:hennie@eess.co.za)**

