

## A Live Online Course

# MAINTENANCE MANAGEMENT

**Presented by  
Ir. In Jumanda Kasdadi**

## INTRODUCTION

Effective maintenance management is the key to maximize the operational life of your facilities and ensuring uninterrupted operation.

This Maintenance Management course is designed to help maintenance supervisors gain strong technical and supervisory skills to implement a successful maintenance management program.

Here are some highlights participants will learn in this training:

1. Effective supervision and communication skills to gain better control over maintenance jobs.
2. Preparing the format-work order system using daily schedules, weekly and monthly, timely programs, and planning changes to keep the cost of maintenance costs remain low.
3. Implementing preventive maintenance programs.

Here are the benefits of attending this course:

- Reduce the frequency and non-productive time
- Optimizing maintenance costs
- Increase employee productivity
- Organize maintenance work, including emergency work, effectively
- Understand how to make planning and scheduling
- Improve efficiency procedures

## **COURSE OUTLINE**

### **Introduction**

- Maintainability versus maintenance
- Maintenance Category
- Maintenance Function
- Maintenance Challenge
- Maintenance Time Relationship

### **Key Requirements For Effective Maintenance**

- Gambling With Maintenance
- Profit-and Customer-Centered Maintenance
- Where is Your CMO?
- Key Requirements

### **Reliability Factors**

- Reliability Function
- Failure rate and MTBF
- Series, Parallel and Combined Network
- Probability of Survival
- Reliability Growth Curves

### **Maintenance Information Flow**

- Maintenance Excellence Pyramid
- Managing maintenance work
- Work Planning
- Work Scheduling
- Work Execution
- Long-term Follow-up Activities

### **Managing Preventive Maintenance**

- Preventive Maintenance (PM)
- PM Strategy for 3 Equip. Life Cycles
- Justifying PM Expenditures
- Installing PM Systems
- Access to Equipment
- PM FREQUENCY: How often to Perform the PM
- Common Task
- Staffing the PM Effort
- Strategies to getting PM Done

- PM System Increase Professionalism

### **Estimating Maintenance Budget**

- Introduction
- Zero-Based Budget (Z-BB)
- How to Start?
- Estimating Maintenance Budget

### **Maintenance Store And Inventory Control**

- Introduction
- Maintenance Store Component
- Conditions Tending to Increase Maintenance Stores Inventory
- Conditions Tending to Reduce Maintenance Stores Inventory
- Centralized vs Decentralized Storeroom
- Principles of Maintenance Stores Control
- Procedural Guidance and Recommendations

### **Computerized Maintenance Management Systems (CMMS)**

- Benefits of Improved CMMS
- CMMS Justification
- Determining the True Need for CMMS
- Determining Maintenance Best Practices Needed
- CMMS Evaluation and Selection Process
- Establish the CMMS Team
- Get Outside Help When Needed

### **Maintenance Performance Indicators**

- Performance Measures versus Benchmarking
- Benchmarking
- Performance Measures
- Measuring MPI

## **WHO SHOULD ATTEND**

- Maintenance supervisors and technicians
- Plant supervisors and engineers
- Production supervisors and engineers
- Plant supervisors and engineers

## **ABOUT THE INSTRUCTOR**

Ir. In Jumanda Kasdadi is an experienced instructor and he has been conducting training for oil and gas companies since 1997. He has BS and MS in chemical engineering degrees from the Institute Technology Bandung.

Companies that have received Mr. Kasdadi's in-house training include Chevron, Pertamina Hulu Energi–ONWJ, ConocoPhillips, Total, Medco, Petrochina, Pertamina, Star Energy, and many others.

Ir. In Jumanda Kasdadi was involved in several Front-End Engineering Design (FEED) and Risk-Based Inspection projects.

## **COURSE DELIVERY METHOD**

- This live online course is conducted in Bahasa Indonesia.
- The training hours are from 9:00 to 15:00 WIB.
- Each participant needs a PC and WIFI connection to attend this course.
- Participants will receive a certificate after completing the training.

## **REGISTRATION INFORMATION**

Two ways to register:

- Email your message to PT Loka Datamas Indah – [lditrain@indo.net.id](mailto:lditrain@indo.net.id) or
- Register online on our website [www.lditraining.com](http://www.lditraining.com)

**For course registration and more information about the course, please send your email to PT Loka Datamas Indah at [lditrain@indo.net.id](mailto:lditrain@indo.net.id).**

