ASSET MANAGEMENT

LIFE CYCLE COSTING

COURSE CONTENT

Fundamentals of Life Cycle Costing
What is Life Cycle Costing (LCC), practical applications of the LCC method, and terms & definitions.

Building & Validating Models
Model structure/maintenance strategy, condition-based maintenance (purpose, method, LCC, maintenance strategy), process for model development, and validating models.

Incorporating Risk
Understanding the asset operating context, key risk drivers, and identify & evaluate risk.

Investment Analysis
Types of investment analysis, net present value, and equivalent unit cost (EUC).

Practical Applications
Budgeting & forecasting, equipment selection/bids / assessments, dynamic life cycle costing, strategy optimisation, and replace verse rebuild decisions.

Bringing it All Together
Discuss real-world situations bringing together the different elements of LCC presented during the course.

Overview

This course provides participants with a solid foundation in the application of life cycle costing (LCC) methods to mining plant and equipment. It focuses on teaching participants how to use LCC principals to solve real-world problems and to assess investments using reliability financial modelling and sensitivity analysis.

Learning Outcomes

- Learn how to build LCC models from first principals.
- Understand how to validate and compare LCC models.
- Know how to determine optimal asset disposal points.
- Learn how to incorporate risk into LCC models.
- Understand how to measure actual performance against a baseline.
- Know how to use LCC as a maintenance decision support tool.

Who is the Course for?

- Maintenance Managers and Engineers
- Cost Analysts
- Purchasing and Supply Chain
- Equipment Manufacturers and Dealers
- Production Professionals
- Suppliers and Financial Analysts

Delivery Mode

Classroom or Remote

Duration

Classroom - Two Days

Remote - 15 hours (5 x 3 hour sessions)

Want to Learn More?

Contact **training@rpmglobal.com**

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