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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