



Railway Professional Programme (RPP)

- Asset Management



Programme Schedule

Day	1	2	3	4	5
9:00am ~ 10:30am	Introduction of MTR	Improving Reliability Performance (I)	Safety Management	Managing Major Project in Operating Railway (I)	Managing Major Project in Operating Railway (IV) – Value Assessment
Tea Break					
10:45am ~ 12:00pm	Asset Management System (I)	Improving Reliability Performance (II)	Competence Management	Managing Major Project in Operating Railway (II)	Planning of New Extensions
Lunch					
1:15pm ~ 2:30pm	Asset Management System (II)	Improving Reliability Performance (III)	Obsolescence Management	Managing Major Project in Operating Railway (III)	Discussion with Senior Executive Graduation Ceremony
Tea Break					
2:45pm ~ 5:00pm	Asset Management System (III)	Site Visit - Kowloon Bay Depot	Site Visit - Electronic Workshop	Site Visit - OCC	
Dinner			Official Dinner		

Delivery Mode: Lectures and Cases Sharing, Discussion with Senior Executive and Site-visit

Intake Schedule and Programme Fees:

Refer to the Enrollment Form for details

Programme Enquiry:

For programme enquiries, please contact Ms. Ng at slng@mtr.com.hk or call (852) 25203453.

Overview

As one of the globally recognised industry leaders, MTR Corporation has been the trusted advisor of various railway companies and projects around the world. Based on our track record of success, the MTR Academy is taking one step further to offer tailor-made training programmes for executives and management.

The Railway Professional Programme (RPP) is offered in 2 disciplines. The first is on Operation Management (RPP-OM) focusing on practical experience sharing on Operating topics. The other is on Asset Management (RPP-AM) emphasising systematic implementation driving reliability improvement and cost effectiveness. Each programme runs on a 5-day itinerary designed to provide insights into MTR's Operations and Maintenance management philosophy, systems and processes striving for customer service, equipment reliability, cost efficiency and operation excellence.

The RPP-AM Programme addresses the key topics critical to driving safety, reliability improvement and cost effectiveness, and managing brown field projects and planning of new extension. A series of presentations, case reviews and interactive discussions under these topics are facilitated by corresponding MTR's senior managers and engineers with relevant in-depth experience and knowledge.

Objectives

The Programme aims to

- Provide a development experience on railway focused asset management
- Enrich your knowledge on good practices and processes in asset management
- Broaden your perspective and horizon, and become stimulated in initiating changes within your organisation to ensure service reliability and cost effective

Who should attend

Engineers and managers of Technical Departments of railway operator companies and authorities

Topics

- Asset Management System
- Improving Reliability Performance
- Safety and Competence Management
- Managing Major Project in Operating Railway
- Planning of New Extension
- Panel Discussion with MTR Executives

Language

English

Venue

Hong Kong

Duration

5 days

What will you learn from each module?

Introduction of MTR

MTR's business model, governance framework, organization structure, operation overview, Rail Gen 2.0 and global business growth strategy.

Asset Management System (I, II & III)

MTR's Asset Management System implementation framework including its governance and organisation structures, processes correlating asset management and continuous service reliability improvement, processes driving cost effectiveness and long term planning approach.

Improving Reliability Performance (I, II & III)

MTR's structural approach in pursuing excellence in equipment reliability. How MTR utilises Reliability Centered Maintenance (RCM), Condition Based Maintenance (CBM) and Reliability Availability & Maintainability (RAM) analysis. Case sharing on real life applications.

Safety Management

MTR's safety management framework, safety governance structure and organization at enterprise and railway operation levels. How MTR pursues excellence in safety performance.

How MTR manages workforce skills and competency, nurtures learning organisation culture leading to people asset excellence.

Competence Management

MTR's structured obsolescence management approach and the role and functions of the centralised electronic workshop. Case sharing on applications of obsolescence management process.

Obsolescence Management

How MTR implements major asset replacement projects on operating railway without compromising service quality and equipment reliability. Case sharing on current projects such as refurbishment of Station Escalator, replacement of Signalling System and introduction of new trains.

Managing Major Project in Operating Railway (I, II & III)

MTR's value assessment approach for evaluating and prioritizing capital and revenue expenditures on asset upgrading and renewal projects.

Managing Major Project in Operating Railway (IV) - Value Assessment

Site Visit - Kowloon Bay Depot

Organisation and operation of a highly utilised depot with capability from first line maintenance to vehicle and equipment overhaul.

Site Visit - Operation Control Centre (OCC)

Effective management of the Operations Control Centre for the entire heavy rail network co-ordinating depot and infrastructure maintenance control centres in scheduled activities and incident handling.

Site Visit - Electronic Workshop

Organisation structure, operations, facilities and capability of the centralised electronic workshop covering equipment of the entire railway network.

Planning of New Extensions

How MTR implements an operator-led approach in planning and management of new extension projects. Case sharing on maintainer's input at various stages of a new extension project ensuring maintenance readiness and life cycle cost efficiency.

Discussion with Senior Executive

A panel discussion with senior MTR Executives who will share their insights and experience. Time will be set aside for Question and Answer.