



# Rail Management Review



## Project

Rail Management Review

## Client

Serco

## Location

Dubai, UAE

## Start Date

June 2014

## End Date

August 2014

## Duration

3 months

## Services Provided

Track/permanent way, in-service analysis & reliability growth planning, asset management plan development, maintenance structure auditing & benchmarking

## Background

Serco operate and maintain the Dubai Metro, and now having operated the railway for a number of years they are now looking for an independent review of their approach to rail management.

This review will ensure their current practices are in line with international best practice, and identify areas where there are areas for improvement and where they can benefit from new learning and advancements in technology.



## Scope of Works

The rail management review scope was developed between Network Rail Consulting and Serco to cover the key areas of rail management. This scope included an overall review of the rail management strategy, with an additional focus on grinding machine capability and the rail/wheel interface compatibility on the Dubai Metro.

Network Rail Consulting undertook:

- ▶ a review of Serco Dubai Metro current grinding strategy/ process and compared it with best practice
- ▶ a review of grinding machine capability, utilisation and compared it with best practice
- ▶ a review of physical condition of rail assets
- ▶ commentary on Rail/Wheel interface.

## Key Project Outputs

To be able to deliver the clients requirements quickly and efficiently our review was completed by a combination of deskstop studies in the UK and site visits to Dubai to inspect the rail.

The review has identified changes to the management of rail that will improve the performance and life of the rail assets and reduce both the maintenance and asset renewal costs.