

RPM | MINEPLANNER

OIL SANDS (OS)

COURSE CONTENT

Workspace

Create a new workspace and navigate workspace explorer.

Reserving

Prepare, refine, and analyse a block model. Define and report the materials and activities that occur within the geology. Divide the imported solids into precise benches and scheduling blocks. Reserve the geology against the designs to generate the scheduling reserves.

Dump Design

Generate a dump model from imported solids, with specific waste materials and lift and block layouts.

HAULNET

Create a haulage model using the design tools and import options. Analyse travel times using trucks based on real life equipment.

Equipment Scheduling

Run and analyse an equipment-based schedule with the imported models. Configure the schedule decisions of each resource. Create mining rules, product blending rules, and objectives to drive the schedule.

Product Scheduling

Convert the schedule into a product-based schedule that focuses on the mined materials.

Overview

This course teaches participants how to take a disciplined approach to mine scheduling using RPM's MinePlanner. The course teaches students the core functionality of the product through pre-configured workshops that are designed around real-life scenarios.

Learning Outcomes

- Learn how to prepare, refine, and analyse the geology.
- Learn about dividing the pit into bench layouts with varying thicknesses and blocks.
- Understand the options for generating and analysing the scheduling reserves.
- Learn how to allocate waste material to construction or non-construction types, and assigning the waste types to dumps.
- Learn about creating a haulage network that dynamically responds to the state of surrounding scheduling blocks.
- Know how to dynamically create mining areas that can be quickly modified in a plot.
- Understand mining rules, like dependencies based on batter angles, to drive the schedule.
- Learn how to generate a schedule that identifies the waste mined as a prerequisite of ore mining – and accordingly finetunes the waste mining and manages inventory.
- Understand how to report the end-of-period recoverable barrels and inventory.

Who is the Course For?

- Mine Scheduling/Planning Engineers
- Planning Managers/ Superintendents
- Senior Operations Personnel
- System Administrators

Delivery Mode

Classroom

Duration

Three to five days

Want to Learn More?

Contact training@rpmglobal.com

Training Workshops

Workspaces

- Workspace Explorer
- Create a Workspace

Reserving

- Deposit Model Setup
- Help and Navigation
- Establish Model Configuration
- Configure Block Model Data
- Configure Design Solids
- Establish Materials
- Validate Block Model Data
- Establish Reported Fields
- Create Scheduling Blocks
- Analyse Scheduling Reserves

Dump Design

- Dump Model Setup
- Configure Dump Solids
- Establish Material Zones
- Establish Reported Fields
- Create Dump Blocks
- Review Dump Data

HAULNET

- Create a HAULNET Model
- Construct
- Interpret
- Rationalise
- Analyse

Equipment Scheduling

- Schedule Setup
- Configure Scheduling Reserves
- Configure Haul Network
- Establish Schedule Configuration
- Establish Schedule Start Status
- Establish Mining Rules
- Establish Objectives
- Execute Equipment Schedule
- Analyse Schedule

Product Scheduling

- Schedule Setup
- Change Schedule Type to Product-Based
- Generate Product-Based Schedule
- Analyse Product-Based Schedule