RPM|MINEPLANNER
OPEN PIT DIAMONDS (OPD)

COURSE CONTENT

Workspace

Create a workspace and navigate Workspace Explorer.

Reserving

Prepare, refine, and analyse a block model that describes the reserves. Define and report the diamond pipes that occur within the geology. Design an open pit diamonds mine by configuring imported solids and dividing them into 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.

Scheduling (Introduction)

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

Scheduling (Advanced)

Refine the schedule using more advanced functionality, based on real life scenarios.

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

- Understand how to define the geology and prepare the project's block models.

- Learn about defining and reporting the materials and activities that occur within each record.

- Grasp the tools for dividing imported solids into bench layouts and scheduling blocks.

- Understand the options for generating and analysing the scheduling reserves.

- Learn about creating a haulage network analysing the travel times of equipment.

- Learn how to build the foundation of a schedule, like the flow of material between locations, calendars to store time-based data, equipment, and resources.

- Comprehend mining rules to enforce mining limits and control the mining and filling orders.

- Understand how to use the Product Optimiser, which manages the operations of stockpiles, processing facilities, and products.

- Learn about generating and analysing a schedule, with portions that control the schedule decisions of each resource.

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

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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

Scheduling (Introduction)

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

Scheduling (Advanced)

- Advanced Schedule Setup
- Before Extraction Activities
- Reported Activities
- Spatial Zone Reporting
- Breakpoints

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