RPM|MINEPLANNER

OPEN CUT PHOSPHATE (OCP)

COURSE CONTENT

Workspace

Create a workspace and navigate Workspace Explorer.

Reserving

Import and configure structure and quality grid files to construct the in situ block model. Divide the block model into layers and plies and working sections. Use the design tools to generate solids of an open cut phosphate mine. Reserve the geology against the designs to generate the scheduling reserves.

Dump Design

Generate an ex-pit 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

- Learn about automatically constructing the project's databases.

- Know how to construct the block models and perform a margin ranking analysis.

- Grasp the design tools to auto-generate pit and strip designs with corresponding in-pit dump layouts.

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

- Learn about creating a haulage network that dynamically responds to the state of surrounding scheduling blocks.

- 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 order of mining strips, working sections, and blocks.

- Understand how to use the Product Optimiser to manage 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
- Establish In situ Block Model
- Establish Working Sections
- Establish Pit Design
- Establish Strip Design
- Establish Scheduling Blocks

HAULNET

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

Scheduling (Introduction)

- Schedule Setup
- Configure Scheduling Reserves9
- Configure Haul Network
- Establish Schedule Configuration
- Establish Mining Rules
- Establish Objectives
- Execute Schedule
- Analyse Schedule

Scheduling (Advanced)

- Advanced Schedule Setup
- Spatial Zone Reporting

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