

XPAC 7-ADVANCED DESTINATION SCHEDULER OC COAL

SOFTWARE TRAINING COURSE

PURPOSE

This training course provides an introduction to Destination Scheduling with XPAC.

Participants will be introduced to the toolset that XPAC Destination Scheduler uses to consider *where and when* material will be moved to *after it has been mined*. It is time based, not just a volume balance.

WHO SHOULD ATTEND?

This course is recommended for mining professionals involved in mid to long term planning who would like to use rule-based scheduling. Participants typically include technical services personnel such as Mine Planners, Senior Engineers and Mine Scheduling Engineers working in open-cut coal mines.

PRIOR KNOWLEDGE & EXPERIENCE

Participants are required to be computer literate. They must also have completed the Runge **XPAC7 Standard and XPAC7 AutoScheduler** training courses for open-cut coal, or have equivalent knowledge and experience.

DURATION

1 Day

DATES & LOCATIONS

This course is delivered on request at the client site or in one of Runge's International Offices.

LEARNING OUTCOMES

At the completion of this course participants will be able to:

- Create Destinations in XPAC
- Configure Destination dependencies, constraints and objectives
- Set up a schedule resource which utilises Advanced Destination Selection
- Visualise the results

DELIVERY METHOD

Courses are delivered in a classroom environment with an emphasis on participant involvement through practical workshops.

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COURSE CONTENT

Module 1: Introduction

- Introduction to Destination Scheduling
- The Different Flavours of Destination Sheduling
- Background to Worked Example

Module 2: Building Destinations in XPAC's Main Database

- Defining the hierarchy of the Dumps Database Section
- Importing Dump Records
- Creating Stockpile Records

Module 3: Dumps Dependencies and Constraints

- Configuring Dump Dependencies
- Destination Capacity Constrains

Module 4: Schedule Configuration with Destinations

- Configuring Dumps in a Scenario
- Configuring Stockpiles in a Scenario
- Resource Destinations using Paths
- Resource Destinations using Advanced Destination Scheduling
- User Processing Scripts or Triggers

Module 5: Running Destination Schedules

- Run Schedule and View Results