XPAC7 STANDARD

SOFTWARE TRAINING COURSE

PURPOSE

The aim of this course is to promote efficient and effective mine scheduling through the use of XPAC - Runge's planning and scheduling tool. This course will provide the skills to support successful mine planning and scheduling. Topics range from the fundamentals of setting up, inspecting and manipulating database information to creating and modifying schedule outputs. Upon completion of this course, users will be familiar with essential terminology, be proficient in navigating core XPAC interfaces and understand the benefits of using XPAC to support successful mine planning and scheduling.

WHO SHOULD ATTEND?

This course is recommended for mining professionals who play a pivotal role in mine planning and scheduling. Participants typically include technical services personnel such as Mine Planning Engineers, Geologists, Surveyors, Senior Engineers and Mine Scheduling Engineers.

PRE-REQUISITE SKILLS

Participants are required to be computer literate. Participants should also have completed the Runge **Principles of Mine Planning** course or have equivalent knowledge or experience. This should include direct exposure to mine scheduling logic and methodology, the use of mine reserves data and equipment allocation.

DURATION

3 days.

DATES & LOCATIONS

This course is delivered on request at a client's site or at one of Runge's international offices. For further information please refer to the calendar section of the Runge web site.

LEARNING OUTCOMES

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

- ☐ Set up an XPAC Database.
- ☐ Import and manipulate data.
- ☐ Establish mine schedules.
- ☐ Visualise and report schedule related information.

DELIVERY METHOD

This course is delivered in a classroom environment with an emphasis on participant involvement through practical workshops.

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COURSE CONTENT

Module 1: XPAC Main Database
☐ General Overview
☐ Creating a new database
☐ Building the database structure
☐ Establishing the data fields
Module 2: Importing Data into XPAC
Module 3: Data Manipulation and Analysis Tools
☐ Creating and using database ranges
☐ Printing and displaying data
☐ Establishing the data fields
Module 4: Writing Simple XCM's
☐ XCM Scripts
☐ Commands
☐ Functions
☐ Sub-routines

Module 5: Storing Parameters in XPAC
☐ Parameter Databases and structure
☐ Global variables
Module 6: Polygon Graphics
☐ Polygons
☐ Plots
Module 7: Standard Scheduling and reporting Tools
☐ Establishing a scheduling calendar
☐ Schedule Setup
☐ Schedule Resources
☐ Creating input paths
☐ Running a schedule
☐ Schedule Reporting