




Deswik.CAD Survey

Underground Metals

TRAINING MODULE PROFILE

 PROGRAM	 DURATION	 DELIVERY	4.11 MODULE ID
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The Survey Functionality for Underground Metals module focuses on the common tools and processes contained in Deswik.CAD for survey operators in an underground metals operation.

The training uses a Deswik.CAD file containing existing as-built data, a stations database, and a set of job files captured using a Leica Total Station. The training includes the creation of tunnel solids, laser offsets, development memos, stope solids, and surfaces.

Core Functionality

- Layer states
- Polyline vertex attributes (PVA)
- Selection windows
- External references
- Layer presets
- Coordinate transformations

Configure Survey Options

Stations Database and Project Setup

- Export database to CSV
- Load survey stations
- Create filters and layer presets

Process a Job

- Drop floor to design
- Blend with existing pick up
- Process tunnel as-built
- Troubleshooting

Development Memo

- Extend laser
- Create offsets
- Heading plane definition
- Create a plot

Import and Process a CMS

- Create stope solid
- Remove the drive solids

Export Survey Information

- Export the database
- Export set-out data

Create a Surface from an As-Built

Drive Reconciliation

- Create advance data
- Annotate advance
- Create design solid
- Create as-built data
- Process reconciliation
- View results
- Create a legend

Import Point Cloud Data

Deswik.CAD Survey Functionality for Underground Metals

Training Pathway



To be done immediately following the prerequisite modules.