




Deswik.CAD Survey

Underground Metals

TRAINING MODULE PROFILE

 PROGRAM	 DURATION	 DELIVERY	4.11 MODULE ID
--	---	---	--------------------------

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.

Survey Setup

- Load a styles file
- Configure a stations database

Import External Data

- Import survey stations from a *.csv
- Load survey stations from the database
- Load an external Deswik.CAD file
- Import a survey job

Modify Imported Data

- Drop the floor survey
- Combine the new survey to the existing data

Troubleshoot Tunnel As-Built Issues

- Fix common issues causing invalid development solids

Laser Offsets and Plotting

- Generate laser offsets for a heading
- Build a layer preset for plotting
- Complete the plot using a plane definition

EOM Calculations

- Generate advance measures, mined and designed solids
- Reconcile to generate a compliance to plan report

Process CMS Data

- Clean the scan data and generate a solid from the scan
- Boolean the development from the scan in preparation for reconciliation

Export Data

- Export the station database to the instrument
- Label and export design data to the instrument

Deswik.CAD Survey Functionality for Underground Metals

Training Pathway



To be done immediately following the prerequisite modules.