

## Authorised mine surveyor (grade 1): Oral assessment guide

When making an application to the Surveyors Competence Advisory Committee (SCAC) for an authorised mine surveyor's (grade 1) certificate, a candidate is required to undertake an oral practical examination and be endorsed by a panel of authorised mine surveyor's (grade 1) certificate holders.

The candidate is expected to:

- demonstrate their skills and experience in relation to underground and quarry mine surveying
- demonstrate a comprehensive knowledge of the [Mines survey: Code of practice](#)
- submit and talk about a work portfolio containing a sample of projects and supporting evidence as per the authorised mine surveyor (grade 1): Portfolio guidance
- respond to examination panel questions on current mine surveying practices providing discussion and evidence to support their competency assessment
- work through and demonstrate practical knowledge for a desktop mine surveying scenario
- demonstrate they are a suitable person for authorisation by showing a professional approach to their portfolio and work practices.

### Current mine survey practices – key focus points

- Surveying procedures
- Establishment of mine grids and datums
- Maintaining the digital mine plan and model within the mining lease
- Infrastructure and services mapping
- Open pit mining through voids
- Pit wall deformation monitoring
- Office procedures and maintaining mine record books
- Equipment maintenance and calibration
- Accurate capture and currency of excavations – underground and surface mines
- Underground development plans and memos
- Stock ~ end-of-month reporting
- Appropriate use of measurement technologies.

## Examination panel

The examination panel will consist of a minimum of two people, one SCAC member and other Authorised Mine Surveyors who have been endorsed by the SCAC. The oral practical examination will take approximately 90 minutes.

## Location

The oral practical examination will be undertaken at the Department of Energy, Mines, Industry Regulation and Safety office in East Perth.

**This is an in-person examination only.**