



The Western Australian Authorised Mine Surveyor interview/oral assessment will focus on the following points:

- 1. Legislation** Applicants should be familiar with the relevant sections of the Act and Regulations, and have a thorough understanding of the Code of Practice.
 - a. WA – Mines Safety & Inspection Act 1994
 - b. WA – Mines Safety & Inspection Regulations 1995
 - c. WA – Mine Survey Code of Practice

- 2. Mine Plans** Applicants should be able to answer detailed oral questions in relation to:
 - a. Mine Plans as per Mines Safety Inspection & Regulations 1995
 - b. Surface Emergency Plans
 - c. Underground Emergency Plans

- 3. Current Mine Survey Practices – Oral Questions Focus Points**
 - a. Surveying Procedures – Fieldwork and officework
 - b. Survey Record Book contents
 - c. Establishment of Mine Grids & Datums
 - d. Infrastructure & Services Mapping
 - e. Open Pit Mining Through Voids
 - f. Deformation Monitoring – Pit Walls, Embankments and Subsidence
 - g. Accurate Capture & Currency of Excavations – Underground & Surface Mines
 - h. Underground Development Plans and Mining Instructions
 - i. End of Month Measurement and Reporting (responsibilities, discrepancies, resolution)
 - j. Appropriate use of Measurement Technologies

- 4. Requirements for Evidence Presented at MSB Oral Exam (Applicant Portfolio).**

The plans must be produced personally by the applicant, paying particular attention to grid line spacing, labelling and extent across the map sheet, standard scale, title block, legend, and mosaic where applicable, The source data does not have to be collected by the applicant, and in the case of accident plans the data can be fictional.

 - a. A sample of a Mine Plan that satisfies Mine Safety and Inspection Regulations 1995 r3.50, and many or most of the requirements in r3.51.
 - b. A sample of a 'Plan Scene for a fatal accident' that would satisfy the intent of the Mine Safety and Inspection Regulations 1995 r3.54. i.e. Show sufficient detail (plan and section views, general location in the mine, large scale insert, location of tools, equipment, machinery, injured persons etc.) and withstand the scrutiny of legal processes.
 - c. A sample of an Emergency Plan that satisfies the 'Mine Survey Audit Guide section 5 Emergency Plan Preparation'.
 - d. Evidence of compliance with Regulation 3.49; detailing equipment used, calibration and servicing records, and evidence of a survey undertaken by the applicant that complies with r1(b).

- The assessment will also include a Desktop Mine Surveying Scenario that the applicant will be required to work through; this will provide an opportunity to display an understanding of the fundamentals in setting up the survey requirements to operate a mine site.
- If a candidate is applying for a Grade 2 Authorisation they will only be examined on their knowledge and application of surface mine surveying. Applicants for Grade 1 will be examined on their knowledge for both surface and underground mine surveying applications.