

Rock Engineering Certificate Practical Examination – May 2021

1. Introduction

SANIRE is planning to host a virtual Rock Engineering practical assessment on 28 May 2021. The exam will require candidates and examiners to dial into an on-line video meeting, using Microsoft TEAMS.

2. Candidate and Examiner Information Technology requirements

In order to have successful virtual exams, the following Information Technology requirements will apply to candidates and examiners:

- Access to uncapped WIFI or a mobile network with a download speed of at least 5Mbps.
- Access to a laptop, desktop computer, or tablet with a large screen of at least 9 inches (22.8cm – measured diagonally from corner to corner).
- Access to a quiet, private room for at least two (2) hours per session, at home or at work with no interruptions.
- Be able to download and use the required application on your device (MS Teams).
- Your antivirus software must allow you to use this application.
- Webcam.

It is the responsibility of the individual candidates and examiners to ensure that the above-mentioned criteria are met and that the internet requirements (WIFI, data, etc.) is sufficient for the duration of the exam. Failure to do so will could result in an inconclusive exam.

3. Portfolio of Evidence Projects

The portfolio of evidence to be submitted with the application must comprise three (3) technical project reports in .pdf format. The projects will provide the Examiner with a good representation of the candidate's rock engineering ability.

The examiners will be allowed one calendar month to evaluate and pre-rate the candidate's portfolios.

4. Planning Section of the Practical Examination

Exams will be via a dial-in video meeting. Plans will be displayed on a virtual whiteboard from where questioning/discussions will take place.

Planning sessions will be arranged according to the mining method/commodity as follows:

- a. **Part 4.1 Metalliferous** - 1 combined planning section* as well as portfolio section.
- b. **Part 4.2 Coal Mining** - 1 combined planning section** as well as portfolio section.
- c. **Part 4.3 Massive Mining** - 1 planning section as well as the portfolio section.
- d. **Part 4.4. Surface Mining** - 1 planning section as well as the portfolio section.

** Combined sessions consisting of 50% conventional and 50% bord and pillar planning*

*** Combined sessions consisting of 50% underground and 50% surface planning*

Candidates who have already passed one section of the assessment (i.e. either the portfolio review or one or more of the planning sessions) would not be required to repeat that section at the subsequent assessments.

5. Plagiarism or Dishonesty

Any actual/suspicion of plagiarism or dishonesty will bar a candidate from a further examination for a period of up to two (2) years / four (4) exam sittings. This includes attempts to take examinations without having registered and paid for the exam. Such occurrences must be elevated in writing to the Education Committee Portfolio Holder (Chair) which must then be taken to the Examination Committee for review/investigation. All portfolios must be accompanied by Appendix C – Plagiarism declarations. No portfolios will be accepted if not reviewed and declared as such by a competent Mentor.