

Annual Report

Board of Examiners

Coal Mining Safety and Health Act 1999

1 July 2018 – 30 June 2019

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1 THE BOARD OF EXAMINERS

1.1 Background

The Board of Examiners (the Board) traces its origin to *The Mining Act of 1898 (Queensland)*. The Board's activities contribute to securing the safety and health of workers in surface and underground mines and supporting facilities by endeavouring to ensure only qualified and competent people are entrusted with key mining roles which, if mishandled, could contribute to injury and loss of life, potentially on a large scale. The Board grants certificates of competency to persons assessed as being appropriately qualified to fill a range of statutory mine management positions in the coal and metalliferous mining industries.

The former mining Board of Examiners was constituted under the *Mines Regulation Act 1964*, and recognised by the *Coal Mining Act 1925*. The Board of Examiners was constituted under identical provisions in Parts 10 of both the *Mining and Quarrying Safety and Health Act 1999* and the *Coal Mining Safety and Health Act 1999* with the proclamation of new mining safety and health legislation on 16 March 2001.

Subsequently the *Mines and Energy Legislation Amendment Act 2010* rationalised the establishment provisions of the two Acts such that the Board of Examiners is now established under Part 10 of the *Coal Mining Safety and Health Act 1999* but with applicability to the *Mining and Quarrying Safety and Health Act 1999*.

1.2 Role

The *Coal Mining Safety and Health Act 1999* and the *Mining and Quarrying Safety and Health Act 1999* set out the functions of the Board. These functions are:

- to decide the competencies necessary for holders of Certificates of Competency
- to assess applicants, or have applicants assessed, for Certificates of Competency
- to grant Certificates of Competency to persons who have demonstrated to the Board's satisfaction the appropriate competencies necessary to hold the certificates
- to ensure the competencies under the Acts are consistent with the competencies required by other states for the holders of Certificates of Competency
- to issue notices (Site Senior Executive notices) to persons who have demonstrated to the Board's satisfaction the safety and health competencies recognised by the committee under section 76, required to perform the duties of a Site Senior Executive for a coal mine;
- to perform other functions given to the Board under the Acts.

Certificates of Competency are mandatory for statutory positions defined in these Acts. The Board only issues certificates to persons who meet appropriate eligibility criteria, pass a written examination in Queensland mining law and an oral examination in mining practice. The oral examination panels are chaired by a Mines Inspector and include two experienced qualified peers from the mining industry. There are 24 coal and 23 metalliferous industry management representatives approved as voluntary oral examination panel members. Certificates issued by the Board are:

- First Class Mine Manager's Certificate of Competency (Underground Metalliferous Mines)
- First Class Mine Manager's Certificate of Competency (Underground Coal Mines)
- Second Class Mine Manager's Certificate of Competency (Underground Coal Mines)

- Deputy's Certificate of Competency (Underground Coal Mines)
- Open Cut Examiner's Certificate of Competency (Coal Mines).

The Board also grants mutual recognition of interstate Certificates of Competency under the *Mutual Recognition Act 1992* to suitably qualified candidates who have passed a written examination on Queensland mining law.

The Board also issues Site Senior Executive mining legislation examination notices to persons who have demonstrated their knowledge of the *Coal Mining and Safety Health Act 1999* by undertaking a written mining law examination. Following legislative changes in 2018, the board now also issues Mineral Mine and Quarrying Site Senior Executive notices, upon application.

1.3 Membership

Appointment to the Board is by the Governor in Council. At the commencement of the current reporting period, membership consisted of a Chairperson and eight other members. Russell Albury, Chairperson and Inspector member, ceased employment with the Department of Natural Resources, Mines and Energy in December 2018. Before he left, he appointed Phillip Casey as the Chairperson.

In November 2018, Phillip Casey, Gregory Dalliston and Brian White were reappointed as members and Scott Cochrane was appointed as a member. At the end of the reporting period, membership consisted of a Chairperson and 9 other members.

Table 1 – Members as at 30 June 2019

| Name | Details |
|-------------------------|--|
| Luca Rocchi | Chief Inspector of Mines, Department of Natural Resources, Mines and Energy and a member of the Mining Safety and Health Advisory Committee. He holds a First Class Mine Manager's (Underground Coal Mines) Certificate of Competency. |
| Phillip James Casey | Regional Inspector of Mines, Department of Natural Resources, Mines and Energy. He holds a First Class Mine Manager's (Metalliferous) Certificate of Competency. |
| Gregory Allan Dalliston | Industry Safety and Health Representative; a member of the Coal Mining Safety and Health Advisory Committee; a member of the Coal Sector Committee of the Resources and Infrastructure Industry Skills Council and Chairperson of the Coal Sector Working Party. He holds a Mine Deputy's Certificate of Competency. |
| Dr Brian White | Emeritus Professor of Mining Engineering, University of Queensland, Principal, Brian White Mining Services (consultants). He is a Chartered Professional Mining Engineer and Registered Professional Engineer Queensland. He holds a First Class Mine Manager's Certificate of Competency (Underground Metalliferous Mines) and a New South Wales and United Kingdom First Class Mine Manager's Certificate of Competency relating to coal mining. |

| Name | Details |
|---------------------------|--|
| Darren John Nicholls | Director, Glencore Coal Assets Australia. He holds a Queensland First Class Mine Manager's (Underground Coal Mines) Certificate of Competency and New South Wales Second Class Mine Manager and Deputy Certificates of Competency. He is an experienced coal mine manager. |
| David John Mackay | Open Pit Manager, Ravenswood Operations, Carpentaria Gold Pty Ltd (a wholly-owned subsidiary of Resolute Mining Ltd). He holds a Queensland First Class Mine Manager's (Underground Metalliferous Mines) Certificate of Competency and is an experienced metalliferous mine manager. |
| Bradley John Watson | Operations Manager, Oaky North Mine, Glencore Coal Assets Australia. He holds First and Second Class Mine Manager's and Deputy (Underground Coal Mines) Certificates of Competency and is an experienced coal mine manager. |
| Jade Maree Deanna Bullock | Holds a First Class Mine Manager's (Underground Metalliferous Mines) Certificate of Competency. |
| Jason Robert Meikle | Open Cut Examiner at Goonyella Riverside Mine. He holds an Open Cut Examiner's Certificate of Competency, a Site Senior Executive Notice and a Western Australia Restricted Quarry Manager's Certificate of Competency. |
| Scott Cochrane | Holds a Second Class Mine Manager's and Deputy (Underground Coal Mines) Certificates of Competency. |

1.4 Meetings held

Table 2 – Meeting attendance

| Board member | Number of meetings | Number of meetings attended |
|-------------------------|--------------------|-----------------------------|
| Russell John Albury | 3 | 0 |
| Luca Rocchi | 5 | 4 |
| Phillip James Casey | 5 | 5 |
| Gregory Allan Dalliston | 5 | 5 |
| Dr Brian White | 5 | 5 |
| Michael Dempster Downs | 1 | 1 |
| Darren John Nicholls | 5 | 4 |
| David John Mackay | 5 | 3 |
| Bradley John Watson | 5 | 5 |

| Board member | Number of meetings | Number of meetings attended |
|---------------------------|--------------------|-----------------------------|
| Jade Maree Deanna Bullock | 5 | 5 |
| Jason Robert Meikle | 5 | 5 |
| Scott Cochrane | 4 | 4 |

2 CERTIFICATES OF COMPETENCY AND REGISTRATIONS

2.1 Certificates of Competency issued and registrations granted

Table 3 – Applications received

| Applications | 2017 – 2018 | 2018 – 2019 |
|---|-------------|-------------|
| Applications for Certificates of Competency | 17 | 54 |
| Applications for letters of registration | 32 | 47 |

Table 4 – Examinations conducted

| Examinations | 2017 – 2018 | 2018 – 2019 |
|--|-------------|-------------|
| Examinations for Certificate of Competency | 29 | 53 |
| Examinations for mutual recognition | 30 | 51 |
| Oral examinations | 15 | 45 |

Table 5 – Certificates issued and registrations issued

| Issued | 2017 – 2018 | 2018 – 2019 |
|---|-------------|-------------|
| Certificates of Competency | 14 | 37 |
| Letters of registration by mutual recognition | 17 | 30 |

It is of particular concern that the most recent First Class Mine Manager Certificate of Competency (Underground Coal Mines) issued, was in the 2014-2015 reporting period, in the 2018-2019 reporting period two Second Class Mine Manager Certificates of Competency (Underground Coal Mines) were issued.

Appendix 1 Table 6 (p.11) details the number and class of Certificates of Competency issued by examination, success rates in examinations, and the number and class of registrations granted under the *Mutual Recognition Act 1992*.

Appendix 2 Tables 8 and 9 (p.13) provide details by class of applications received for the past five years.

Appendix 2 Table 10 (p.14) provides statistical data relating to examination results in the previous and current reporting periods.

Appendix 2 Table 11 (*p. 14*) provides statistical data relating to issue of certificates and notices in the previous and current reporting periods.

2.2 Site Senior Executive mining legislation examination notices issued

In the current reporting period, the Board received a total of 52 applications for assessment. The Board organised 62 Site Senior Executive examinations in Brisbane and at several regional venues. The difference in the number between applications received and the number of examinations held is due to some candidates undertaking more than one examination attempt before passing the examination. The Board issued 40 Site Senior Executive notices (increasing from 37 issued in the previous reporting period) to applicants who had successfully completed the mining legislation examination during 2018-2019.

Appendix 1 Table 6 (*p. 11*) details the examination results and number of notices issued.

Appendix 2 Table 11 (*p. 14*) demonstrates the low number of candidates passing the examination at a first attempt, and lower pass rates at subsequent attempts.

2.3 Board member contribution to examination processes

Board members have continued to contribute to the Board's examination activities by voluntarily marking examination papers. A total of 166 written legislation examinations were undertaken by candidates during the reporting period, with the papers subsequently being marked by Board members. This figure is significantly higher than the previous two reporting periods.

Examinations are marked anonymously by a member of the Board and to achieve a pass mark, candidates must achieve a score equal to or greater than 70% in each part of the exam. Board members also sit on oral examination panels. The oral examination in mining practices tests the candidates' ability to apply the theory learnt in the classroom to real life mining scenarios. Some Board members also provide informal coaching to candidates.

3 OUTCOMES AND ISSUES

3.1 Subcommittees

The Board has established Subcommittees that have been tasked with addressing specific aspects of the work undertaken by the Board. The Subcommittees are currently made up of Board members only. The Board's Secretariat does not generally provide any administrative support other than some limited proof-reading services. The Subcommittees met less frequently in this reporting period due in part to work commitments and changes to Board membership.

| | |
|--|--|
| Board Operating Systems Subcommittee | <p>The work of the Board Operating Systems Subcommittee has concluded and been published.</p> |
| Practising Certificate Scheme Subcommittee | <p>Work continued during the reporting period on the development of a proposed practising certificate scheme (PCS) consistent with the recommendations of the Moura No.2 accident Warden's Inquiry. It is proposed that the scheme will include two elements – continuing professional development (CPD) and maintenance of competence (MOC). It is proposed that CPD would include more passive learning/training such as attending seminars; whereas MOC was considered to be a more 'active' type of learning, such as performing a task/function and undertaking training that includes assessment. In addition, CPD would include both formal and informal learning.</p> <p>It is proposed that the PCS will also include a database to track and audit the training undertaken. It is also proposed that the Board would approve practising certificate schemes. The reasons for introducing the PCS requirements is in response to the identified issue of people re-entering the industry after long absences as is currently possible with the present 'certificate for life', as well as lifting all certificate holders to a higher standard of competency.</p> <p>The Subcommittee continued to meet during the current reporting period to develop the practising certificate scheme and the associated framework.</p> <p>Relevant stakeholders will be consulted before the introduction of the proposed scheme.</p> |
| Written Examination Subcommittee | <p>A Board Written Examination Subcommittee was established to review all written examination papers with a view to providing recommendations to improve the examination process.</p> <p>The Board allows candidates to undertake multiple attempts at a written examination. The Board requires a minimum of three months from the date the candidate is advised of their results and the subsequent re-sit of the examination. Candidates who have failed two times in the Board's written examinations or who receive a mark of equal to or less than 30% in any examination are formally requested</p> |

| | |
|--------------------------------------|---|
| | <p>to submit a study program for consideration by the Board. This information is contained in the application and examination guidelines (coal) for candidates (refer to paragraph 3.1.1 below).</p> <p>The Subcommittee is working towards preparing a bank of questions for the coal mining legislation examinations, similar to that used for the metalliferous mining legislation examination. They are also drafting the written examination for ventilation officers.</p> <p>The Subcommittee continued to meet during this reporting period to review all written examination papers, provide recommendations around process and to draft the coal ventilation officer written exam paper.</p> |
| <p>Oral Examination Subcommittee</p> | <p>A Board Oral Examination Subcommittee was established in 2015 to review the oral examination process and develop guidelines and rules for the conduct of oral examinations to ensure the consistency and transparency of the oral examination process and reporting. The guidelines and rules were incorporated into the application and examination guidelines (coal) (refer to paragraph 3.1.1 below).</p> <p>The Subcommittee has met a number of times over the reportable period to continue development of guidelines for oral examinations.</p> |

3.1.1 Application and examination guidelines (Coal)

The Board developed application and examination guidelines for coal Certificate of Competency applicants for use by Board members, the Secretariat and oral panel members. The guidelines draw on the experience of trainers, managers, candidates and examiners and provide practical tips for dealing with the issues commonly faced during the oral examination.

The guidelines outline the pathway to examination (coaching and mentoring of candidates and educational and practical experience requirements) and the examination process for written and oral examinations. The oral examination section covers scenario-based examination, examination topics, and assessment and examination outcome rules.

Work is ongoing to draft an abridged version specifically targeted at candidates which will, after consideration by the Board, be published on the Board's webpage. This resource will assist candidates better understand the Board's expectations in relation to written and oral examinations.

3.2 Board appointments

Russell John Albury, Chief Inspector of Coal Mines and Chairperson of the Board ceased employment with the Department during the reporting period. He was replaced as Chairperson of the Board by Phillip James Casey, Regional Inspector of Mines. Phillip holds a First Class Mine Manager (Underground Metalliferous Mines) Certificate of Competency.

The terms of appointment of Gregory Allan Dalliston, Dr Brian White, Michael Dempster Downs and Phillip James Casey expired on 3rd of December 2018. To ensure transparency of appointments, a call to industry for expressions of interest was made inviting individuals meeting the legislated criteria to nominate for appointment. Nominations were considered

jointly by the Coal Mining Safety and Health Advisory Committee (CMSHAC) and the Mining Safety and Health Advisory Committee (MSHAC) in order to make recommendations for appointment. The Queensland Government's Women on Boards initiative to ensure gender parity on government bodies by 2020, was also considered. Appointment of members to the Board is by the Governor in Council following the Premier's endorsement of the recommended nominees and consideration by Cabinet.

Gregory Allan Dalliston, Dr Brian White and Phillip James Casey were reappointed, and Scott Cochrane was appointed. Michael Dempster Downs was not reappointed. The terms of appointment for Gregory Allan Dalliston, Dr Brian White, Phillip James Casey and Scott Cochrane expire on the 3rd of June 2020.

Changes to the legislation in the reporting period altered Chief Inspector appointments to the Board, Inspectors are now appointed by position rather than name.

The Board also acknowledges ongoing challenges in meeting aspirational gender parity targets set out by the Queensland Government's Women on Boards policy initiative. The Board recognises the underlying challenges in encouraging female candidates to obtain Certificates of Competency, in particular in Underground Coal Mining. The Board has commenced investigating a number of options to address some of these challenges, this work will continue in the next reporting period.

3.3 Legislation

The Mines Legislation (Resources Safety) Amendment Bill 2018 (the Bill) was passed by the Queensland Parliament on 31 October 2018, and received the Royal Assent on 9 November 2018. The Bill included the following amendments that will impact the work of the Board and its Secretariat:

- Ventilation Officer competencies
- Chief Inspector appointments to the Board by position rather than name
- register of Certificate of Competency, Site Senior Executive notices and notices of registration granted by mutual recognition
- continuing professional development
- suspension or cancellation of Certificates of Competency extend to Site Senior Executive notices
- existing Site Senior Executive notices (Coal)
- Site Senior Executive notices to be held by those appointed under the *Mining and Quarrying Safety and Health Act 1999*.

Following passage of the Bill, Site Senior Executive notices (Coal) commenced being issued by the Board. The Board now also issues notices, for Site Senior Executive notices (Mineral Mines and Quarries) upon application, these changes have had an immediate effect on the workload of the Board's Secretariat. It is anticipated that there is in excess of 500 notices to be issued during the one-year transitional period. In the reporting period 104 applications have been received and 65 notices have been issued.

3.4 External Review of the Board of Examiners

During the reporting period The Minister for Natural Resources, Mines and Energy, The Honourable Dr. Anthony Lynham MP, wrote to the Board requesting its support in the undertaking of an external review into aspects of the Board's functions. The Board wrote a

letter of response to the Minister in June stating its support for the review to be undertaken. The Board also welcomes the opportunity to discuss some of the challenges it faces.

Following discussions over the reporting period, the Board has decided to draft submissions for funding to assist in a number of key priority policy areas, including the introduction of the Continuing Professional Development Scheme and an initiative to encourage long term gender parity on the Board.

3.5 Ageing demographic of certificate holders and availability of training courses

The Board is concerned at the reduced number of applicants across all classes of Certificates of Competency, in particular First and Second Class Mine Managers. This, coupled with the ageing demographic of existing certificate holders holds potential consequences if not addressed.

Appendix 2 Chart 1 (*p. 16*) demonstrates the age range of certificate holders by class of certificate (2017-2018 and 2018-2019 charts are provided for comparison). The charts show the total number of certificates issued.

The Board is also concerned about the inability for potential applicants for Certificates of Competency to access appropriate training courses. The downturn in the industry generally has resulted in both universities and registered training organisations in Queensland and New South Wales offering a limited number of mining industry training units of competency.

The Board has actively engaged in discussion with registered training organisations during the reporting period, and encouraged registered training organisations to offer relevant courses to increase availability of high quality training to potential applicants.

3.6 Consistency with other jurisdictions

The Australasian Mining Competency Advisory Council (AMCAC) is a cross jurisdictional body with members from Queensland, New South Wales, Tasmania, Western Australia and New Zealand. The AMCAC terms of reference provide that Queensland is represented on AMCAC by the Chief Inspector of Mines and the Chief Inspector of Coal Mines as well as two other members drawn from the Board. The Board's representatives attended two AMCAC meetings during the current reporting period.

The work plan for AMCAC for 2018-19 included the following objectives:

- to facilitate worker mobility between jurisdictions with greater clarity regarding equivalent certificate and competencies
- to improve consistency in competency standard and assessment procedures between jurisdictions
- to ensure alignment of maintenance of competence and continuing professional development processes.

The establishment of AMCAC builds on the positive working relationship established between Queensland and New South Wales with regard to maintaining consistency between coal mining applications and examination criteria in each state and towards a common approach to establishing a continuing professional development/maintenance of competency process for statutory ticket holders.

3.7 Bi-annual meetings with New South Wales Board of Competence

During the 2016-2017 reporting period, the Board instigated a re-establishment of the cooperative discussions with the New South Wales Board of Competence with a view to recommencing discussions on matters of mutual interest, including mutual recognition of certificates of competency.

A meeting was held in New South Wales on 3 November 2017, and matters discussed included:

- comparison of operation of the Boards and appointments
- issues for mutual recognition and Certificates of Competency
- non-equivalency of functions between jurisdictions
- pre-requisite experience required to obtain Certificates of Competency
- practising certificate and maintenance of competence schemes.

A further meeting was scheduled for April 2018, but due to changes in the New South Wales regulator structure and changes to Board membership in Queensland no meetings have occurred during the current reporting period.

3.8 Certificates of Competency and challenges in industry.

The Board acknowledges the tragic fatalities that have occurred in the past twelve months. The Board has discussed making representations to relevant stakeholders around the potential introduction of a senior managerial Certificate of Competency to Open Cut Mining.

The Board also acknowledges the vital role a Second Class Mine Manager (Underground Coal Mines) plays in preparing Certificate of Competency candidates who may be considering applying for the First Class Mine Manager (Underground Coal Mines) in the future. The Board has discussed the potential need to reintroduce legislated responsibilities for this role. The Board intends to make representations to the appropriate stakeholder groups in the next reporting period, regarding both of these proposals.

4 EXPENSES INCURRED

Board members are eligible to claim meeting attendance fees and reimbursement of travel expenses in accordance with the *Remuneration Procedures for Part-Time Chairs and Members of Queensland Government Bodies*. Members of the Board who are public servants are not entitled to remuneration. The *Coal Mining Safety and Health Act 1999* prescribes that the Chairperson of the Board is an Inspector member and therefore is not entitled to remuneration.

In late 2014, a remuneration assessment was undertaken in accordance with the revised remuneration matrix as set out in the *Remuneration Procedures for Part-Time Chairs and Members of Queensland Government Bodies*. On 31 April 2015, Governor in Council approved determination of the Board as a 'Regulation, administration and advice' level 1 category Board and approved Board member remuneration at the rate of \$500 per meeting, for meetings of duration of four hours or greater.

The amount incurred by the Board for meeting attendance fees (including superannuation where applicable) and travel, accommodation and out-of-pocket expenses for eligible members for Board business was \$46,670.00

No special assignment fees were payable. All other administrative costs associated with running the examination and certification processes were incurred by the Department and are not reported in this annual report.

APPENDIX 1: OUTCOMES OF EXAMINATION & REGISTRATION ACTIVITIES

Table 6-Examination and Registration Activities

| Certificate of Competency / registration | Obtained | Written examinations | | Oral examinations | | Certificates issued | Mutual recognition |
|--|--------------------------|----------------------|------|-------------------|------|---------------------|--------------------|
| | | Pass | Fail | Pass | Fail | | |
| First Class Mine Manager (Underground Metalliferous Mines) | By examination | 4 | 1 | 5 | 0 | 5 | |
| | Under mutual recognition | 2 | 3 | N/A | N/A | | 2 |
| First Class Mine Manager (Underground Coal Mines) | By examination | 0 | 0 | 0 | 0 | 0 | |
| | Under mutual recognition | 0 | 0 | N/A | N/A | | 0 |
| Second Class Mine Manager (Underground Coal Mines) | By examination | 0 | 0 | 2 | 3 | 2 | |
| | Under mutual recognition | 2 | 6 | N/A | N/A | | 2 |
| Deputy | By examination | 17 | 1 | 14 | 2 | 14 | |
| | Under mutual recognition | 23 | 11 | N/A | N/A | | 24 |
| Open Cut Examiner | By examination | 18 | 12 | 16 | 2 | 16 | |
| | Under mutual recognition | 2 | 2 | N/A | N/A | | 2 |
| Total – Pass and Fail Examinations | | 68 | 36 | 37 | 7 | | |
| Total Examinations Held | | Written 104 | | Oral 44 | | | |
| Total number of Certificates of Competency issued | | | | | | 37 | |
| Total number of letters of registration by mutual recognition issued | | | | | | | 30 |

Table 7 – Notices Issued

| Queensland Coal Mining Legislation Examination | Obtained | Written Examinations | | Notices issued |
|--|--------------------|----------------------|------|----------------|
| | | Pass | Fail | |
| Site Senior Executive | By SSE Examination | 42 | 20 | 40 |

Note: The number of certificates issued will differ from the examinations held due to some certificates being issued in the following reporting period.

APPENDIX 2: STATISTICAL TABLES AND CHARTS

Table of abbreviations used in tables and charts

| Ref | Expansion |
|--------|--|
| 1MM | First Class Mine Manager's Certificate of Competency (Underground Metalliferous Mines) |
| 1CC | First Class Mine Manager's Certificate of Competency (Underground Coal Mines) |
| 2CC | Second Class Mine Manager's Certificate of Competency (Underground Coal Mines) |
| DEP | Deputy Certificate of Competency (Underground Coal Mines) |
| OCE | Open Cut Examiner's Certificate of Competency (Surface Coal Mines) |
| SSE | Site Senior Executive (Coal) |
| MR | Mutual Recognition Applicants |
| Non-MR | Certificate of Competency and Site Senior Executive Notice Applicants |

Table 8 – All applications received

| | 2014 – 2015 | 2015 – 2016 | 2016 – 2017 | 2017 – 2018 | 2018 – 2019 |
|-----|-------------|-------------|-------------|-------------|-------------|
| 1CC | 4 | 3 | 1 | 1 | 1 |
| 2CC | 16 | 8 | 3 | 9 | 6 |
| DEP | 62 | 16 | 16 | 23 | 50 |
| OCE | 9 | 16 | 13 | 9 | 35 |
| 1MM | 7 | 7 | 8 | 7 | 9 |
| SSE | 54 | 25 | 32 | 46 | 52 |

Table 9 – Mutual recognition applications received

| | 2014 – 2015 | 2015 – 2016 | 2016 – 2017 | 2017 – 2018 | 2018 – 2019 |
|-----|-------------|-------------|-------------|-------------|-------------|
| 1CC | 4 | 2 | 1 | 1 | 0 |
| 2CC | 9 | 2 | 2 | 8 | 6 |
| DEP | 58 | 11 | 11 | 20 | 30 |
| OCE | 1 | 0 | 3 | 0 | 5 |
| 1MM | 3 | 3 | 3 | 3 | 6 |

Table 10 –All written examination pass/fail results by class for previous and current reporting period

| | 2017 – 2018 | | | | 2018 – 2019 | | | |
|-----|-------------|------|------|------|-------------|------|------|------|
| | Non-MR | | MR | | Non-MR | | MR | |
| | Pass | Fail | Pass | Fail | Pass | Fail | Pass | Fail |
| 1CC | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2CC | 3 | 1 | 1 | 4 | 0 | 0 | 2 | 6 |
| DEP | 4 | 0 | 15 | 6 | 17 | 1 | 23 | 11 |
| OCE | 8 | 6 | 0 | 0 | 18 | 12 | 2 | 2 |
| 1MM | 2 | 2 | 1 | 1 | 4 | 1 | 2 | 3 |
| SSE | 38 | 31 | 0 | 0 | 42 | 20 | 0 | 0 |

Table 11 – Written examination – attempt results by class

| | 1st Attempt | | 2nd Attempt | | 3rd Attempt | |
|-----|-------------|------|-------------|------|-------------|------|
| | Pass | Fail | Pass | Fail | Pass | Fail |
| 1CC | 0 | 0 | 0 | 0 | 0 | 0 |
| 2CC | 0 | 6 | 1 | 0 | 1 | 0 |
| DEP | 34 | 11 | 5 | 1 | 1 | 0 |
| OCE | 17 | 13 | 3 | 2 | 0 | 0 |
| 1MM | 5 | 3 | 1 | 0 | 0 | 1 |
| SSE | 38 | 15 | 3 | 3 | 1 | 2 |

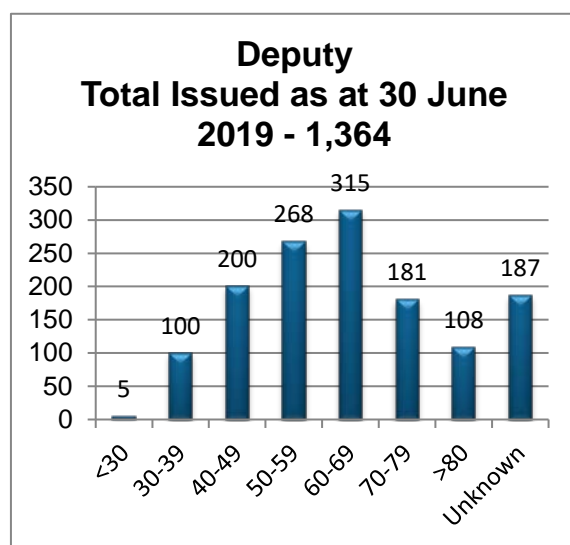
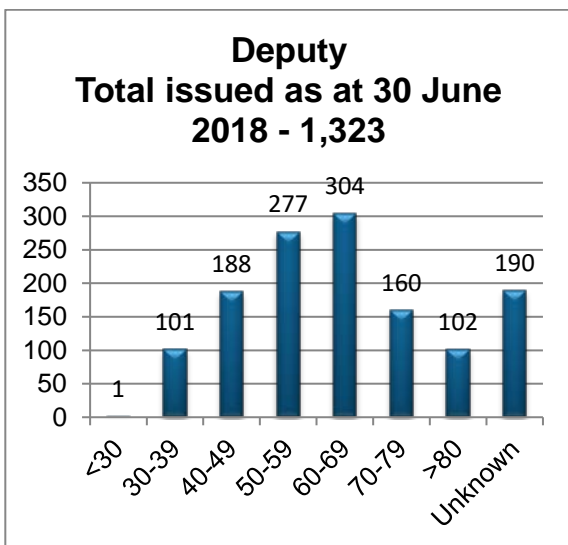
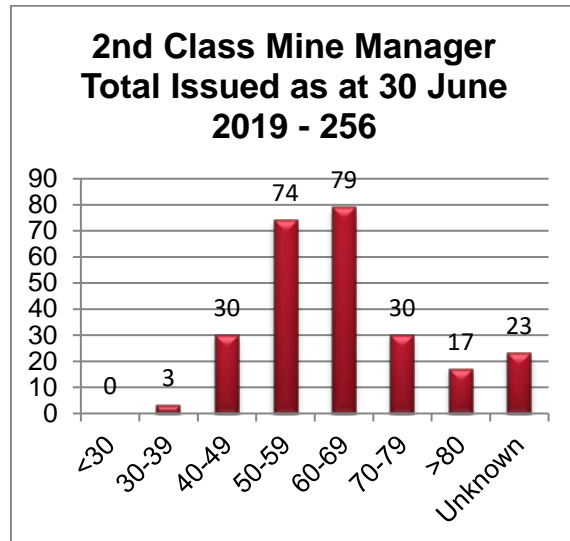
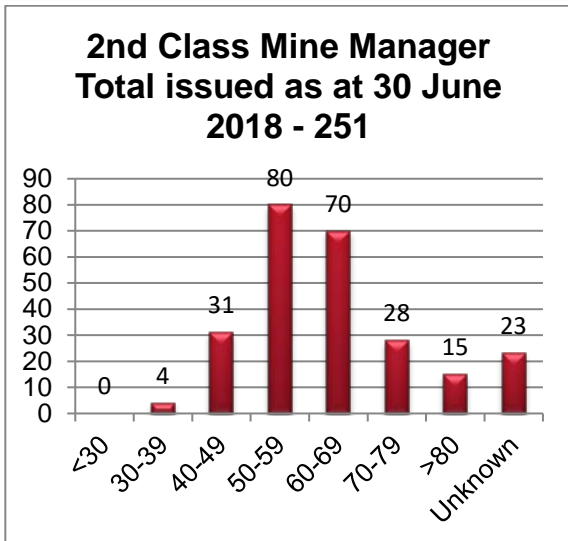
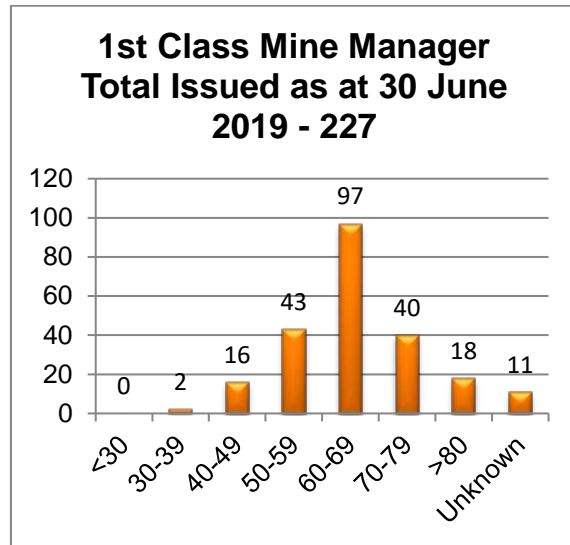
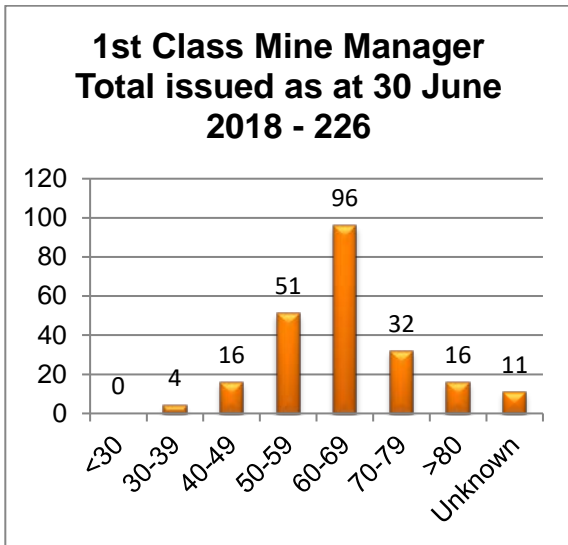
Table 12 –Oral examination results

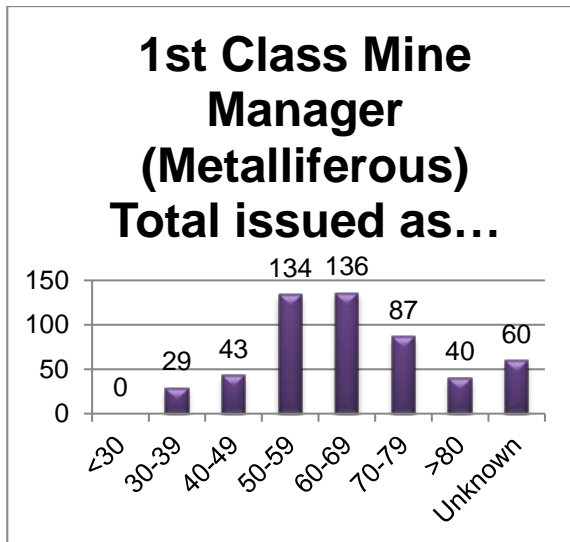
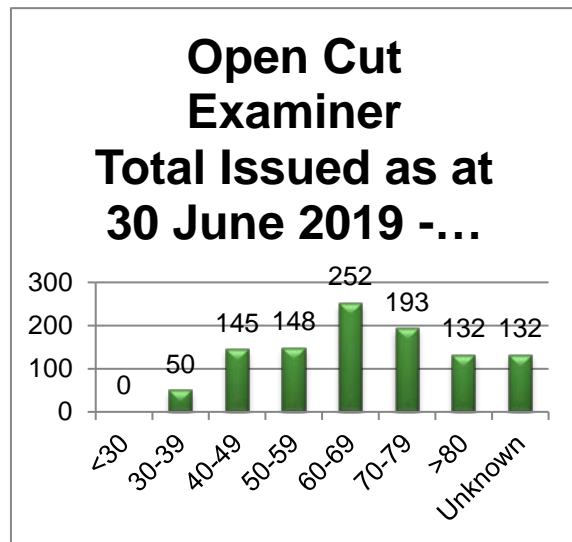
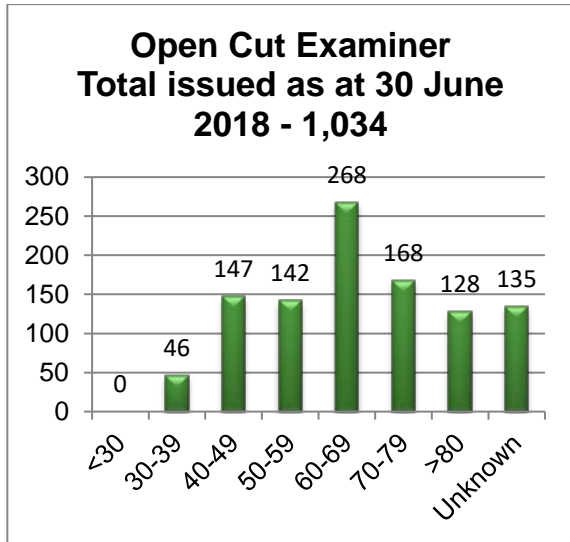
| | 2017 – 2018 | | 2018 – 2019 | |
|-----|-------------|------|-------------|------|
| | Pass | Fail | Pass | Fail |
| 1CC | 0 | 0 | 0 | 0 |
| 2CC | 0 | 2 | 2 | 3 |
| DEP | 1 | 2 | 14 | 2 |
| OCE | 7 | 1 | 16 | 2 |
| 1MM | 2 | 0 | 5 | 0 |

Table 13– Issued certificates, letters of registration by mutual recognition and SSE notices

| | 2017 – 2018 | | | 2018 – 2019 | | |
|-----|---------------------------|-----------------|------------|---------------------------|-----------------|------------|
| | Certificate of Competency | MR Registration | SSE Notice | Certificate of Competency | MR Registration | SSE Notice |
| 1CC | 0 | 0 | 0 | 0 | 0 | 0 |
| 2CC | 0 | 1 | 0 | 2 | 2 | 0 |
| DEP | 2 | 16 | 0 | 14 | 24 | 0 |
| OCE | 9 | 0 | 0 | 16 | 2 | 0 |
| 1MM | 3 | 0 | 0 | 5 | 2 | 0 |
| SSE | 0 | 0 | 37 | 0 | 0 | 40 |

Chart 1 – Age of Certificate of Competency holders by class





Explanatory notes:

1. An increase or decrease in numbers of holders in each age group does not reflect only new certificates or mutual recognition letters of registration issued. These increases and decreases are a combination of new certificates issued and the age of individual certificate holders.
2. The total number of certificates issued does not reflect the number of certificate holders currently working in the industry. Certificates of competency are issued for life and there is no requirement for ceasing to work in the industry or the death of holder to be advised to the Board of Examiners.