



Mining & Quarrying
OCCUPATIONAL HEALTH &
SAFETY COMMITTEE

2018 – 2019 ANNUAL REPORT



Supported by
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of South Australia**

For further information contact:
Leonie Caldarelli
Executive Officer
Mining & Quarrying Occupational Health & Safety Committee
The Torrens Building
ADELAIDE SA 5000
Telephone: (08) 8303 0499
Web: www.maqohsc.sa.gov.au

CONTENTS

THE PRESIDING MEMBER'S REPORT.....	3
THE COMMITTEE	6
Legislation	6
The Committee's Functions.....	6
Membership of the Committee.....	6
STRATEGIC PLAN.....	8
Committee Key Strategies.....	8
THE MAQOHSC VALUES	8
Purpose.....	8
Vision.....	8
KEY STRATEGIES.....	9
Research and Innovation.....	9
Mentor and Educate	9
Work Health and Safety.....	9
A Safe Productive South Australia.....	10
ACTIVITY HIGHLIGHTS.....	10
Immediate Silicosis Priority.....	10
Skin Cancer Screening Programme	10
Committee Field Operations Programme	11
External Information and Advisory Services	12
Workplace Health Management Manual.....	12
Workplace Health Surveillance Programme	12
Universal Health Screening For Engineered Stone Benchtop Workers.....	13
Health Surveillance - Dust Monitoring	13
Funded Program to Reduce Workplace Soft Tissue and Musculoskeletal Injuries.....	14
Passport to Safety	15
Accredited Mental Health First Aid Officer Training.....	15
FINANCIAL REPORT 2018-2019	16
FREEDOM OF INFORMATION.....	16
ANNEX A.....	17

PRESIDING MEMBER'S REPORT

The Mining and Quarrying Occupational Health and Safety Committees (the Committee) vision is for South Australia's mining and quarrying industries to be safe, responsible, prosperous, well educated and innovative workplaces where protecting workers is the priority.

The Committee has an established reputation and long record of proactively promoting best work, health, safety, wellbeing and hygiene practices with an aim to prevent injury and disease within the South Australian mining and quarrying industries.

South Australia's mining and quarrying industries are diverse in nature. There are employers of various sizes; many are in remote and regional locations; and many have a culture of acceptance of risk of injury and disease as part of the working environment. There are also many excellent examples of work, health, safety and wellbeing which is an integral part of the workplace and at the forefront of safety management systems.

The year 2018 – 2019 has been very productive for the Committee; in partnership with industry we have had the opportunity to once again see some very challenging initiatives develop from ideas and concepts through to fully developed projects. One project in particular is a world first, South Australian developed, innovative workplace and workforce analysis planner. Achieved in partnership with an international consortium of specialists, the planner will reduce fatigue, muscle, soft tissue and musculoskeletal injuries. Funded and developed over the past two years, the release at the Australian Simulation Congress in Queensland during September this year, was well received by industry. National South Australian stakeholders have already recognised the potential and worksite testing of the planner are due to commence in upcoming months. It's envisaged the planner could significantly contribute to reducing both the negative impact to workers and enormous economical costs caused through worksite injury. I look forward to reporting further progress on this project next year.

The demand for funded projects, industry assistance, resources and services delivered or supported by the Committee has remained very strong this year. This illustrates the continued commitment to Work Health and Safety by industry, which recognises that the industry's ability to expose workers to harm remains significant. As such, industry continues to adopt the MAQOHSC continuous workplace safety improvement model; continues to train staff in WHS and integrate WHS into their business safety management systems; constantly monitor and review their systems, policies and procedures.

The Committee continues to achieve successful outcomes - in line with its Strategic Plan 2017 to 2020 – a core focus remain on activities that align with emerging trends and live safety and health issues of known concern to South Australian stakeholders. This has meant the Committees proactive preventative strategies and worksite services such as auditing plant, machinery and conveyors, undertaking work, health and safety gap analysis and auditing safety management systems are all of vital importance to South Australia's ongoing mining and quarrying industries being safe and responsible.

We are pleased to report the Committees Mentor and Educate agenda continues to achieve significant outcomes. Extensive workplace-delivered information, education and training presentations are provided directly in the workplace, topics such as Dust Awareness, WHS Responsibilities, Due Diligence, Fitness for Work, Effective Guarding and Manual Handling remain in high demand. Mentoring those with WHS responsibilities and mentoring the 80 workers across the State participating in the Committees fully funded Nationally Accredited work, health and safety certificate IV remain of critical importance as training and education builds a well-educated mine and quarry workforce for our State;

The Committees Research and Innovation agenda continues to fully support industry with health surveillance and mental health and wellbeing-funded programs. Mental health for small business and the Mental Health First Aid Officer training assists industry and promotes a workplace culture that is well supported directly in the workplace.

The Committee continues analysis and presentation of historic health outcome data to identify industry improvements opportunities that can directly benefit workers, it should be noted the 2014 – 2017 dust monitoring outcome data was recently presented at the Queensland Mines Safety Conference.

The Committees is recognised internationally for quality publications, which are user friendly and industry specific. The informative website hosts over 100 industry resources, all resources including templates are suitable for instant mobile and tablet applications and easily accessible by any worker and all stakeholders. This ever-popular resource is supplemented by regular MAQOHSC news, newsletters and email safety alerts. The website is continuously updated, this year the website had 9,963 pages used with the top search results being workplace health and safety resources.

All of the above are delivered by our Executive Officer, two Work Health and Safety Specialists and administrative officers, who engage and consult – daily and on a personal level - with employers and workers - to support and promote the Committees programs, initiatives and projects.

We are pleased to report that the committee held 11 meetings during the year and continued to operate cooperatively with good governance, due diligence and demonstrable commitment.

The Committee continues to develop targeted programs as identified during recent stakeholder and worker communication and engagement programs. Rural and regional stakeholders and workers required support with drug and alcohol awareness and management strategies, the Committee responded with three fully dedicated courses.

Key features of the year for the Committee include:

- Accredited Drug and Alcohol Testing Training;
- Reasonable Response for Supervisors;
- Drug and Alcohol Awareness for Workers;
- delivery of professional field operations programme driven by its own WHS Specialist, increasing our profile and providing a strong link between the Committee and industry;
- continued funding of the Workplace Health Assessment and the Skin Cancer Screening programmes popular with the industry;

- fully funded Certificate IV in Work, Health and Safety to 80 workers across the State;
- completion of website update to make it more user-friendly and navigations easier;
- development and facilitation of a universal health screening program for engineered stone benchtop workers across South Australia;
- continued support to the South Australian CCAA Safety Awards;
- continued sponsorship for South Australian Mines Rescue Competition;
- continued support to the South Australia Branch of the Australian Institute of Quarrying;
- continued support for the Women in Quarrying South Australia Branch;
- continued support for the Passport to Safety Programme with its Diamond Sponsorship which enables thousands of young South Australians to receive basic WHS orientation before they venture into the world of work;
- continuing to raise the industry's awareness of the importance of protecting workers from by exposure to crystalline silica; and
- Re- development of the MAQOHSC Opal Miners Safety Management System, authority to mine dangerous ground, Opal Miners Induction, Tourist Information Flyer for fossicking in Coober Pedy.

The Committee on January 7th 2019 was instructed to utilise \$400,000.00 from the Mining and Quarrying Industries Fund (Part B) to develop and facilitate a universal health-screening program for South Australia's engineered stone benchtop workers. The Committee prioritised the request and has facilitated the health-screening program to identify any potential cases of silicosis in workers in the engineered stone benchtop industry. This request has been completed and the details are contained in this report.

We are always looking for new and continuous ways to improve the health, safety and wellbeing of the many thousands of South Australian workers directly and indirectly employed in our industries; whilst supporting and assisting stakeholders prioritise the importance of a healthy workforce. I look forward to tackling new challenges over the next year.

The Committee has had a very productive year: I thank all the members, deputy members, stakeholders and workers across the State, the Executive Officer, the WHS Specialists, and Office staff for their dedication, ongoing support and valuable contributions to our work. We look to an even busier future as national and state developments involving a possible silicosis register and the reduction of workplace exposure standards.



Martin O'Malley
PRESIDING MEMBER

30th September 2019

THE COMMITTEE

Legislation

The Mining and Quarrying Occupational Health and Safety Committee (The Committee) is a tripartite committee established under Schedule 3 of the *Occupational Health, Safety and Welfare Act 1986* (the Act). The Committee continues existence under *the Work Health and Safety Act 2012*.

The Mining and Quarrying Industries Fund (the Fund) was originally set up in 1941 and continued under the *Workers Rehabilitation and Compensation Act 1986*. The fund continues existence under the *Return to Work Act 2012*.

The Committee is subject to the control and direction of the Minister (Treasurer).

The Committee's Functions

The Committee was established with the principal function to administer the expenditure of the Mining and Quarrying Industries Fund; with a mandate to promote occupational health and prevent injury and disease in the mining and quarrying industries of South Australia.

The Act provides that the Committee may utilise the Fund for the following purposes:

- to promote and support practices and procedures designed to protect workers from silicosis;
- to support education in the field of occupational health and safety in the mining and quarrying industries;
- to initiate or support research and studies into occupational health and safety that could benefit workers in the mining and quarrying industries;
- to promote and support persons or organisations working to prevent, alleviate, or treat the kinds of disabilities suffered by workers in the mining and quarrying industries; and
- to support any other kind of activity that could directly or indirectly improve occupational health and safety in the mining and quarrying industries, or assist in the rehabilitation of disabled workers in those industries.

The Act provides the Committee such powers as are reasonably necessary to perform its functions. This includes the power to establish subcommittees and to engage, as may be appropriate, experts or consultants to assist the Committee in the performance of its functions.

Membership of the Committee

The Committee is comprised of 7 members appointed by the Minister, of whom:

- 2 are persons working in the field of occupational health and safety nominated by the Industrial Relations Consultative Council;
- 1 is a member of Department, who has experience in the mining and quarrying industries;
- 1 is a person nominated by the South Australian Chamber of Mines and Energy;

- 1 is a person nominated by Cement Concrete and Aggregates Australia, to represent the interests of employers involved in the mining and quarrying industries; and
- 2 are persons nominated by the United Trades and Labour Council (SA Unions) to represent the interests of workers who work in the mining and quarrying industries.

The Minister may appoint a suitable person to be a deputy of a member of the Committee. During any period of absence of that member the appointed deputy is able to act as a member of the Committee.

Members and deputy members of the Committee who held office during the 2018 - 2019 financial year are listed in Table 1 below.

Table 1: Committee membership during 2018-2019

ROLE	APPOINTMENT DATE	NAME	NUMBER OF MEETINGS
Presiding Member	18 October 2016	Martin O'Malley	11
Member	18 October 2016	Glenn Murray	8
	18 October 2016	Carolyn Fisher	9
	18 October 2016	Erryn Munchenberg	4
	18 October 2016	Peter Lamps	6
	18 October 2016	Graeme Sauer	9
	1 May 2019	Colin Fenney ¹	7
Deputy Member	18 October 2016	Nathan Crack	4
	18 October 2016	Sarah Bellman	0
	5 April 2017	Sylvia Uglesic	2
	21 December 2018	Phillipa Weltner	0

1 = Replaced Aaron Cartledge, SA Unions member

The Committee must, in making grants of money under this Schedule, give preference to supporting projects directed at improving occupational health or safety in those industries that involve exposure to silica dust and in particular to supporting specialised research and training projects directed at that purpose in South Australia.

STRATEGIC PLAN

In 2017, the Committee held a strategic planning session and developed the Strategic Plan for the 2017 to 2020 period. The plan whilst addressing the four key strategies – Research and Innovation – Mentor and Educate – Work Health Safety – A Safe Productive South Australia incorporates the MAQOHSC values.

The Committee has operated with due diligence, delivered and exceeded legislative obligations, achieved positive successful industry outcomes through targeted programs, and continued to develop industry specific health surveillance, mental health and safety resources.

Committee Key Strategies

- Research and Innovation
- Mentor and Educate
- Work Health Safety
- A Safe Productive South Australia.

THE MAQOHSC VALUES

- Mentor
- Achieve
- Quality
- Optimise
- Honesty
- Success
- Collaboration

Purpose

The Committees purpose is to protect mine and quarry workers from Occupational Dust Related Diseases.

Vision

Our vision is for South Australia's mining, quarrying industries to be safe, responsible, prosperous, well educated, and innovative workplaces where protecting workers is the priority.

KEY STRATEGIES

These key strategies are aligned to the mandated functions of the Committee.

Research and Innovation

- Initiate and support research and studies into occupational health or safety;
- Prevention of occupational dust related diseases through health monitoring programs and projects for stakeholders and workers;
- Continue to promote the high importance of dust disease research;
- Fund research of the potential negative health impacts on workers respiratory health;
- Fund research, programs and projects that positively impact the mental welfare of all mine and quarry workers; and
- Review the performance of industries across the State, identify key areas of concern and need.

Mentor and Educate

- Promote, support and fund work, health and safety education for workers in mining and quarrying;
- Embed an industry culture of workplace achievement and continuous safety learning;
- Promote, support and fund continuous skills development for all mine and quarry workers;
- Support and promote workers competencies to achieve continuous improved workplace health, safety and welfare performance;
- Support regional and remote stakeholders and workers through annual regional safety seminars; and
- Maintain effective relationships between the Committee, industry partners, contractors, workers and stakeholders to achieve best practice outcomes in occupational/work health, safety and welfare for the mining and quarrying industries.

Work Health and Safety

- Support industry in a practicable and sustainable manner that protects workers;
- Promote and support practices, procedures and arrangements designed to protect workers from occupational dust related diseases (silicosis);
- Support the industry to develop systems for recording and reporting consistent and reliable work health and safety related data to meet industry objectives; and
- Develop, support, promote and provide resources inclusive of digital products to achieve industry best practice in work, health, safety and welfare.

A Safe Productive South Australia

- Lead positive communication between the Committee, stakeholders, workers, industry partners and Government;
- Promote and support open dialogue and information sharing across industry and Government;
- Support State-wide partnerships through connecting and cooperation on projects;
- Support related strategic plans, initiatives or programs;
- Promote and support persons or organisations working to prevent, alleviate or treat the kinds of disabilities suffered by workers in the mining and quarrying industries; and
- Support any other kind of activity that could directly or indirectly improve occupational health or safety in the mining and quarrying industries or assist in the rehabilitation of disabled workers in those industries.

ACTIVITY HIGHLIGHTS

Immediate Silicosis Priority

Silicosis is the oldest group of occupational lung diseases caused by exposure to silica dust. Silica exposure is preventable, although widespread exposure is a well-known occupational hazard which often causes permanent disability or premature death.

Silicosis and the many associated illnesses caused through occupational silica exposure are all preventable diseases. Despite existing legislation, nationally an alarming resurgence of diagnosed silicosis cases continue to emerge in an occupational group, in the engineered stone industry.

The incidence of lung disease caused by dust, particularly silicosis, has increased in recent years but little is known about the prevalence of these diseases.

The Australian Government Department of Health on the 26th July 2019 established a National Dust Disease Taskforce to develop a national approach to the prevention, early identification, control and management of dust diseases in Australia.

Skin Cancer Screening Programme

The Committee continued funding the workplace Skin Cancer Screening programme, which commenced in 2007. Skin cancer screenings are conducted by a medical practitioner in the workplace. The Committee can report that it sponsored 263 skin screenings during the 2018 – 2019 financial period; the main findings were;

- 8 workers identified with Basal Carcinoma
- 0 workers identified with Melanoma
- 43 workers identified with moderate/sever sun damage
- 4 workers identified Squamous Carcinoma
- 19 workers required additional referrals.

This funded industry program has further been complimented with toolbox talks and workplace posters embed a pro- active workplace culture and remind workers of the dangers of skin cancer.

Committee Field Operations Programme

This core Committee programme delivers practical field based health, safety and wellbeing services to employers and workers at no cost to the workplace. This programme is an on-going one that is at the centre of the Committee resources onto frontline interaction with the South Australian mining and quarrying community.

Requests for service assistance and resources increased this year, work health and safety support, research support and grant funding, health surveillance, dust monitoring, workplace health and wellbeing, suicide prevention and post support, drug and alcohol education and training, and certificate level funded education remained in high demand.

Services include:

- In-situ audits of fixed plant, mobile plant, traffic management, safety management systems, principle mining hazards & Management Plans;
- development, review and assessment of written systems, policies and procedures;
- review effectiveness of workplace controls, hazard exposure measurements and risk assessments; and
- Development of on-site training, a wide range of topics, including:
 - Dust awareness
 - Introduction to Hazard Management
 - WHS Responsibilities
 - Effective Guarding
 - Isolations and Lockout
 - Manual Handling
 - PPE Selection, Correct Use and Contaminant Control
 - Accident and Incident Investigation

These services are delivered by two WHS Specialists, the site visits include a focus on engaging with workers, those with WHS responsibilities and their representatives, further promoting the benefits of worker consultation and participation.

During 2018 – 2019, the Committee field services additionally conducted key contacts with mine and quarry sites and provided training to 582 individuals across the state.

Mentoring in WHS has also been provided in the workplace for the 80 workers currently enrolled in the gaining a qualification or upskilling their qualifications in the mining and quarrying industries.

External Information and Advisory Services

The Mining and Quarrying Occupational Health and Safety Committee informative website (<http://www.maqohsc.sa.gov.au>) continues to be extensively updated to make the specific content relevant for users and in aid navigation. The simple structure of “Home”, “About Us”, “News”, “Resources” and “Contact Us” allows MAQOHSC to tell visitors about the services it provides, its history and committee composition. It further allows MAQOHSC to promote educational training events, collect all current & past safety alerts and newsletters in one place, as well as plainly listing all downloadable publications. The website continues to provide an effective platform for all information for industry stakeholders.

Workplace Health Management Manual

The Committee has developed a comprehensive health management manual. The MAQOHSC Workplace Health Management Manual provides a complete comprehensive workplace health management tool with full guidance and templates. The targeted mining and quarrying resource will benefit small, medium and large mining and quarrying operations alike across the State, additionally be adaptable across industry to benefit any business operation where there is the potential for occupational exposure to respirable crystalline silica.

The core contents of the manual include four key workplace health chapters. An introduction to best practice and implementation of workplace health management; health screening including pre-employment medical including adaptable respirable crystalline silica health assessment; health surveillance including workplace health assessment, procedures and registers inclusive of an exit medical; Mental health and wellbeing in the workplace and Skin Cancer Prevention; All chapters are complimented with educational information sessions, toolbox talks and workplace posters.

This manual will directly assist industry and stakeholders manage and achieve successful workplace health outcomes, meet their business obligations and prioritise the importance of a healthy workforce.

Workplace Health Surveillance Programme

The Workplace Health Assessment funded by the Committee continues to be in high demand and attract participation by small, medium and large mining and quarrying operations alike across the State. This health initiative builds on the Committees previous program inclusive of the 5642 South Australian mine and quarry workers provided fully funded health assessments. Individual workers are provided a comprehensive health assessment inclusive of factors such as respiratory questionnaire, cholesterol levels, blood pressure, blood glucose levels, smoking and body mass index. The programme additionally promotes increased physical activity and healthy lifestyle choices, participating workers with concerning results are referred to specialists for follow up, three small quarries participated during the 2018 – 2019 period with a total of 22 workers completing their workplace health assessment.

Previous project the health outcome data reported of the 5642 health assessments conducted seven out of ten health indicators have improved over the life of the program - areas of concern continue to include blood pressure, body composition, exercise habits, smoking rate and hearing loss.

Universal Health Screening For Engineered Stone Benchtop Workers

South Australia implemented an across Government response to the emerging silicosis crisis identified nationally. Directed by the Treasurer, Return to Work SA, Safe Work SA (Lead) and the Committee combined expertise and resources to ensure South Australia's workers in the engineered stone industry were fully supported. Safe Work SA identified 64 businesses and workers across the state eligible for the Committees fully funded universal engineered stone benchtop health-screening program.

The Committee developed and facilitated a respirable crystalline silica universal health screening program for engineered stone benchtop workers with the aim to identify a baseline health status of current and previous workers; establish a documented health baseline for each individual worker; identify any adverse health or disease caused through occupational exposure to crystalline silica dust and additionally develop and support industry strategies for ongoing health surveillance based on medical expert recommendations.

The universal health-screening program has been facilitated to 326 workers in an efficient and accessible manner to all workers whilst ensuring minimal lost time and productivity to workplaces. Additionally as crystalline silica dust is ubiquitous in many occupational settings and in various industries the developed health screening program is adaptable to any occupational setting where a potential for workers exposure exists.

Health Surveillance - Dust Monitoring

Concerns about dust related diseases remain a key area of focus for industry and the Committee, this has resulted in various projects over the past 33 years being developed, funded, promoted and supported. However, this current five year project is a large scale analysis of dust generated at the source to determine possible hazardous components such as crystalline silica. Additional person monitoring is done with individual workers to measure respirable dust exposure of workers compared to the relevant exposure

The primary objective of the dust monitoring program is to continue to assess whether workers are exposed to RD and RCS dust at concentrations that may lead to an adverse risk to health based on current exposure standards. Observations relating to the use and adequacy of respiratory and hearing personal protective equipment as well as implementation of current dust mitigation strategies are reviewed at each site to provide an understanding of the adequacy of measures in place.

Commencing from 2017 the Committee's dust surveillance project includes the Enhanced Video Analysis of Dust Exposure (EVADE). This value adds to the project through offering a technique that uses a video camera worn by the worker to provide an additional visual record of the worker's activities concurrently with data collected by a real-time data logging aerosol monitor also worn by the worker. The EVADE program merges video files and logged data files allowing the Committee to consult with individual Stakeholders and workers to identify dust exposure within a workers breathing zone, dust sources from this assist us to consult with stakeholders in the development of a documented dust mitigation strategy.

Workers individual respiratory fit testing is also completed as part of this program, poor fitting respirators or masks may lead to a leakage of contaminants into the breathing zone, thereby compromising the respiratory health and safety of the worker. A perfect facial fit is paramount in obtaining optimum respiratory protection for each individual worker.

Whilst this project is due to finish in late 2020, the vast majority of the work, analysis and initial results reveal that the project continues to yield new information that is valuable for continuous improvement in dust mitigation strategies and reducing workers exposure to occupational dust.

All workers and stakeholders as part of the Health Surveillance – dust monitoring project are provided guidance resources, training and education on best dust mitigation strategies applicable to each individual workplace and dust educational and respiratory protection for workers.

The 2019 - 2020 dust monitoring project is due to commence in the last quarter of this year, with drier conditions across the State, the Committee expects this year's project will be in high demand from stakeholders requiring additional support in dust mitigation strategies.

To date over 1,100 personal and static dust samples have been collected during the 2015 - 2018 period. Over 750 individual noise measurements and 264 quantitative respirator fit tests (RFTs) have also been conducted during this period as part of the project.

Of the 745 personal samples collected, 79 (11%) exceeded the Respirable Crystalline Silica dust exposure standard and 84 (11%) respirable dust (RD) samples exceeded the AIOH Trigger Value for RD. Of the 437 static RD samples collected, 62 (14%) exceeded the RCS dust exposure standard whilst 70 (16%) RD samples exceeded the AIOH Trigger Value for RD (Note: static samples do not represent worker exposures).

Crusher operators were identified as the similar exposure group (SEG) with the most RD and RCS dust exposures above the AIOH Trigger Value and exposure standard respectively. Other SEGs which had higher rates of exceedances above the exposure standard and AIOH Trigger Value were the loader operators, maintenance workers, quarry men and dump truck drivers. Dolomite, metal ores, quartzite and slate were the mineral types that were most likely associated with personal RCS dust exposures above the exposure standard.

The above results were recently presented at the Queensland Mines Safety Conference in September 2019. The Final report for the fifth year is due in early 2021.

Funded Program to Reduce Workplace Soft Tissue and Musculoskeletal Injuries

The Committee during 2018 – 2019 made funding available and contributed to the development of an innovative Digital Human Modelling software product for South Australia's mining and quarrying industries.

Leading a collaboration with local and international specialists, this innovative program demonstrates South Australia's capabilities and the Committees continued commitment to protect South Australia's mine and quarry workers in an ever-changing adaptable environment.

The objective of the program is to provide a job planning and analysis software product to Committee stakeholders so they can easily assist to protect mine and quarry workers from injuries arising from repetitive works and overexertion.

The software product will provide an analysis of individual worksite practices using existing and technically proven modelling approaches to develop scenarios specific to the mining and quarrying industries. The current phase focuses on further development of the technology for specific job planning application and provide the Committee with a demonstration tool for field tests with stakeholders.

The program works to date were recently presented at the Australasian Simulation Congress, held in Queensland in September 2019. The Congress presentation introduced the biomechanical modeling approaches applied to the mining and quarrying industries, including the use of advanced modeling tools such as motion capture and detailed muscle simulation models to provide in-depth analysis of the stresses and strains experienced by workers in the mining and quarrying industries.

Upon development completion and field testing this innovative simulation tool is expected to provide mine and quarry operators with an easy to use high functioning and efficient worksite simulation planning tool that will effectively reduce injury through worksite diagnostics and reporting.

Passport to Safety

The Committee continues as Diamond Sponsor of the Passport to Safety. The purpose of supporting this program is to identify schools, particularly public schools or in remote or regional areas where mining and quarrying activities are likely to be located.

Passport to Safety Australia is a unique, not-for-profit, catalyst for change intended to help eliminate needless injuries and preventable deaths of young South Australians.

Passport to Safety supports the vision that young South Australians have the power to influence the evolution of safe workplace cultures. The program assists students in gaining the basic knowledge and understanding of Work, Health and Safety, giving young South Australian students' knowledge of safety prior to entering the workforce.

Accredited Mental Health First Aid Officer Training

The Committee has been a Gold Badge Mental Health Workplace through Mental First Aid Australia for over four years.

The Committee recognises the potential of psychologic risk in mining and quarrying as a preventable injury and as such has developed, funded and promoted projects, training and programs dedicated to this important topic for over 6 years.

In achieving best practice, mental health and wellbeing in all South Australian mines and quarries the Committee fully funded Accredited Mental Health First Aid Officer Training for 60 workers across the State during the 2017 – 2018 period.

The projects aim is for workplaces to have a dedicated and trained mental health first aid officer direct in the workplace to support workers as needed.

To date the program has received positive feedback from industry and already 20 workers have been trained as mental health first aid officers. Further training is scheduled during the last quarter of 2019 and early 2020.

FINANCIAL REPORT 2018-2019

This is contained in Annex A with the Statement of Financial Position.

The Committees total operating expenditure for the year was \$1,424,006.51 inclusive of the Treasurers instructional project to a total value of \$400,000.00, well within the budgeted sum of \$1,922,942.

FREEDOM OF INFORMATION

In accordance with the Freedom of Information Act (1991), information concerning the operation of the Mining and Quarrying Occupational Health and Safety Committee can be found throughout this report.

All project reports that have been received and accepted by the Committee are available by contacting the Executive Officer on (08) 8303 0499.

To access documents other than those mentioned above, please apply in writing to:

Leonie Caldarelli
The Executive Officer
Mining and Quarrying Occupational Health and Safety Committee
Torrens Building
220 Victoria Square
ADELAIDE SA 5000

Annex A

(Obtained from WorkCover SA)

Statement of Comprehensive Income..... Annex A

Mining and Quarrying Industries Fund Financial Statements 2018-2019

Contents

Statement of Profit or Loss and Other Comprehensive Income	3
Statement of Financial Position.....	3
Statement of Changes in Equity.....	4
Statement of Cash Flows	4
Note 1 Reporting entity	5
Note 2 Statement of compliance	5
Note 3 Reporting by fund	6
Note 4 Investment profit	7
Note 5 Investments	7
Note 6 Outstanding Claims Liability	8
Note 7 Reconciliation of comprehensive result to net cash flows from operating activities	8
Note 8 Basis of preparation.....	8
Note 9 Use of judgments and estimates	8
Note 10 Risk management.....	9
Note 11 Related parties transactions	9
Note 12 Events after the reporting period	9
Note 13 Commitments	9
Statement by presiding officer, Mining and Quarrying Occupational Health and Safety Committee	10

Statement of Profit or Loss and Other Comprehensive Income for the year ended 30 June 2019

	Notes	2019 \$'000	2018 \$'000
Net Investment profit	4	1,272	1,172
Operating expenses		(1,424)	(1,258)
Total comprehensive result		(152)	(86)

Statement of Financial Position as at 30 June 2019

	Notes	2019 \$'000	2018 \$'000
Assets			
Trade and other receivables		45	40
Investments	5	15,858	15,911
Total assets		15,903	15,951
Liabilities			
Trade and other payables		269	165
Outstanding claims	6	100	100
Total liabilities		369	265
Net assets		15,534	15,686
Equity			
Retained earnings		15,534	15,686
Total Equity		15,534	15,686

The above statements should be read in conjunction with the accompanying notes.

Statement of Changes in Equity for the year ended 30 June 2019

	2019 \$'000	2018 \$'000
Total equity at the start of the year	15,686	15,772
Total comprehensive result	(152)	(86)
Total equity at the end of the year	15,534	15,686

Statement of Cash Flows for the year ended 30 June 2019

	Notes	2019 \$'000	2018 \$'000
Cash flows from operating activities			
Payments to suppliers		(1,355)	(1,284)
Interest received	4	176	189
Dividends received	4	334	381
Net cash flows from/(used in) operating activities	7	(845)	(589)
Cash flows from investing activities			
(Acquisition)/disposal of investments		845	589
Net cash flows from/(used in) investing activities		845	589
Net increase/(decrease) in cash and cash equivalents		-	-
Cash and cash equivalents at the beginning of the period		-	-
Cash and cash equivalents at the end of the period		-	-

The above statements should be read in conjunction with the accompanying notes.

Notes to and forming part of the financial statements

30 June 2019

Note 1 Reporting entity

The Mining and Quarrying Industries Fund was established to replace the Silicosis fund under the repealed Workers Compensation and Rehabilitation Act 1986 and is continued under the Return to Work Act 2014.

Funds standing to the credit of the Silicosis Fund were transferred to ReturnToWork SA (RTWSA), and credited to a special account entitled "Mining and Quarrying Industries Fund" which is divided into two parts:

- Part A - to satisfy liabilities under the Silicosis Scheme; and,
- Part B - to be available to the Mining and Quarrying Occupational Health and Safety Committee for the purposes referred to in the Schedule 2 of the Work Health and Safety Act 2012.

At 30 June 2019 Finity Consulting Pty Limited, Actuaries provided an estimate of the extent of the existing and prospective liabilities under the Silicosis scheme under the repealed Act. The next review will be conducted in June 2022.

RTWSA administers the repealed Act and from 1 July 2015 the Return to Work Act 2014 (the Act). The financial statements have been prepared in accordance with the Act. The Mining and Quarrying Industries Fund is a controlled entity of RTWSA. All investments held by the fund are pooled with RTWSA's investments. Investment income is allocated to the fund based on the average earning rate of RTWSA as a whole. All expenses incurred by the fund are initially paid for by RTWSA, the actual costs are then reimbursed by the Fund.

Note 2 Statement of compliance

The financial statements are not a general purpose financial report but are prepared consistently with Australian Accounting Standards (AASBs) with the exception of the disclosure requirements of AASB 7 and AASB 132.

Mining and Quarrying Industries Fund has applied Australian Accounting Standards that are applicable for not-for-profit-entities, as Mining and Quarrying Industries Fund is a not-for-profit entity. Australian Accounting Standards and interpretations that have recently been issued or amended but are not yet effective have not been adopted by Mining and Quarrying Industries Fund for the reporting period ending 30 June 2019.

Mining and Quarrying Industries Fund will adopt AASB 16 – Leases from 1 July 2019. AASB 16 requires lessees to recognise assets and liabilities for all leases, not subject to a recognition exemption or scoped out of the application of AASB 16. Applying AASB 16 will result in leases previously classified as operating leases having right-of-use assets and related lease liabilities recognised in the Statement of Financial Position for the first time.

The estimated impact is set out below:

	as at 1 July 2019 \$'000
Right-of-use assets	73
Lease liabilities	(73)
Net impact on equity	-

AASB 16 will also impact on the Statement of Comprehensive Income. The operating lease expense previously included in general operating expenses will mostly be replaced with:

- a depreciation expense that represents the use of the right-of-use asset: and
- borrowing costs that represent the cost associated with financing the right-of-use asset.

Notes to and forming part of the financial statements 30 June 2019

Note 2 Statement of compliance (continued)

The estimated impact on the 2019-20 Statement of Comprehensive Income is set out below:

	2020 \$'000
Depreciation	30
Operating lease costs	(31)
Borrowing costs	2
Net impact on operating (profit)/ loss	1

Note 3 Reporting by fund

(a) Statement of Profit or Loss and Other Comprehensive Income for the year ended 30 June 2019

	Notes	2019 Part A \$'000	2019 Part B \$'000	2019 Total \$'000	2018 Part A \$'000	2018 Part B \$'000	2018 Total \$'000
Net investment profit	4	27	1,245	1,272	22	1,150	1,172
General operating expenses		-	(1,424)	(1,424)	-	(1,258)	(1,258)
Total comprehensive result		27	(179)	(152)	22	(108)	(86)

(b) Statement of Financial Position as at 30 June 2019

	Notes	2019 Part A \$'000	2019 Part B \$'000	2019 Total \$'000	2018 Part A \$'000	2018 Part B \$'000	2018 Total \$'000
Assets							
Trade and other receivables		-	45	45	-	40	40
Investments	5	342	15,516	15,858	316	15,595	15,911
Total assets		342	15,561	15,903	316	15,635	15,951
Liabilities							
Trade and other payables		-	269	269	-	165	165
Outstanding claims	6	100	-	100	100	-	100
Total liabilities		100	269	369	100	165	265
Net assets		242	15,292	15,534	216	15,470	15,686
Equity							
Retained earnings		242	15,292	15,534	216	15,470	15,686
Total equity		242	15,292	15,534	216	15,470	15,686

Notes to and forming part of the financial statements

30 June 2019

Note 4 Investment profit

	2019	2018
	\$'000	\$'000
Dividends	334	381
Interest received	176	189
Change in net market values:		
Investment held at end of the financial year	907	630
Investment realised during the financial year	(115)	1
Investment profit	1,302	1,201
Investment expenses	(30)	(29)
Net investment profit	1,272	1,172

Interest income is recognised in the Statement of Profit or Loss and Other Comprehensive Income as it accrues, using the effective interest method. Dividend income is recognised in the Statement of Profit or Loss and Other Comprehensive Income on the date the right to receive payment is established which is the case of quoted securities is the ex-dividend date.

Note 5 Investments

	2019	2018
	\$'000	\$'000
Deposits with financial institutions	1,048	1,318
Government / semi-government securities	3,787	3,603
Non-government debt instruments	1,938	1,947
Securities listed on the Australian Stock Exchange	1,666	1,674
Securities listed on overseas stock exchanges	4,154	4,220
Unit Trusts – unlisted property and debt security assets	3,236	3,197
Derivatives	29	(48)
Total investments	15,858	15,911
Current	1,501	1,827
Non-current	14,357	14,084
Total	15,858	15,911

Investments are measured at fair value. Changes in the fair values of investments at the reporting period from the end of the previous reporting period, or from cost of acquisition if acquired during the financial year, are recognised as gains or losses in the Statement of Profit or Loss and Other Comprehensive Income.

The fair value of investments represents their net fair value and is determined as follows:

- cash assets are carried at the face value of the amounts deposited or drawn which approximates their fair value
- listed securities and Government securities are valued by reference to market quotations
- underlying property assets and investments in unlisted unit trusts are valued by reference to independent third parties.

Notes to and forming part of the financial statements

30 June 2019

Note 6 Outstanding Claims Liability

At 30 June 2019 the existing and prospective liabilities for the Silicosis Scheme under the repealed Act is \$100,000 as estimated by Finity Consulting Pty Limited at 30 June 2019.

Note 7 Reconciliation of comprehensive result to net cash flows from operating activities

	2019	2018
	\$'000	\$'000
Comprehensive result	(152)	(86)
Adjustments for:		
Investment (profit) / loss	(1,302)	(1,201)
Interest received	176	189
Dividends received	334	381
Increase / (decrease) in payables	104	133
(Increase) / decrease in receivables	(5)	(5)
Net cash (out) flows from operating activities	(845)	(589)

Note 8 Basis of preparation

The financial statements have been prepared based on a twelve month period and are presented in Australian currency and have been rounded to the nearest thousand dollars (\$'000s).

The preparation of financial statements requires:

- the use of certain accounting estimates and requires management to exercise its judgement in the process of applying accounting policies. The areas involving a higher degree of judgement or where assumptions and estimates are significant to the financial statements are outlined in applicable notes;
- accounting policies are selected and applied in a manner which ensures that the resulting financial information satisfies the concepts of relevance and reliability, thereby ensuring that the substance of the underlying transactions or other events are reported.

Judgments made by management in the application of AASBs that have significant effect on the financial statements and estimates with a significant risk of material adjustment in the next year are discussed in Note 9.

Note 9 Use of judgments and estimates

The Fund makes estimates and assumptions concerning the future. The resulting accounting estimates will, by definition, seldom equal the related actual results. Estimates and judgments are continually evaluated and are based on historical experience and other factors, including expectations of future events that may have a financial impact on The Fund and that are believed to be reasonable under the circumstances. The estimates and assumptions that have a significant risk of causing material adjustment to the carrying amounts of assets and liabilities within the next financial year are those related to the valuation of outstanding claims liability. The outstanding claims liability has been established on the basis of an independent actuarial assessment of the estimated costs of settlement of claims, inflated for the anticipated effects of inflation and other factors and discounted to a present value at the end of the reporting period.

Notes to and forming part of the financial statements

30 June 2019

Note 10 Risk management

The Mining and Quarrying Industries Fund's investments are pooled with investments of RTWSA. It is not possible to identify specific assets belonging to the Mining and Quarrying Industry Fund. Investment income is allocated to the Mining and Quarrying Industries Fund based on the average earning rate of RTWSA as a whole, the Mining and Quarrying Industries Fund is not subject to the interest rate risk of any of its individual investments, but rather to the interest rate risk of RTWSA. Full risk management disclosure is shown in the notes to the RTWSA financial statements.

Note 11 Related parties transactions

There are no related party transactions for the year ended 30 June 2019.

The names of persons who were Committee Members at any time during the financial year are as follows:

M. O'Malley
A. Cartledge (resigned 21 September 2018)
C. Fenney (appointed 1 August 2018)
C. Fisher
P. Lamps
E. Munchenberg
G. Murray
G. Sauer

Note 12 Events after the reporting period

There have been no events after the reporting period which would have a material effect on the Mining and Quarrying Industries Fund financial statements at 30 June 2019.

Note 13 Commitments

Mining and Quarrying Industries Fund has entered into agreements to lease motor vehicles under non-cancellable operating leases for terms in excess of one year. The aggregate non-cancellable lease commitments not provided for in the financial statements are as follows:

	2019 \$'000
Motor vehicles lease within one year	31
Motor vehicles lease later than one year but not longer than five years	45
Total commitments	76

Statement by presiding officer, Mining and Quarrying Occupational Health and Safety Committee

In my opinion the attached financial statements for the Mining and Quarrying Industries Fund:-

- 1) present fairly the results of the financial transactions of the Fund during the year ended 30 June 2019 and sufficiently explain the financial position of the fund as at that date, and
- 2) at the date of signing the financial statements I am not aware of any circumstances that would render any particulars included in the statements misleading or inaccurate.

The Mining and Quarrying financial figures have not been separately audited as they are part of the Funds comprising RTWSA.

The accompanying financial statements have been prepared consistently with all applicable accounting standards with the exception of the disclosure requirements of AASB 7 and AASB 132.

In accordance with a resolution of the committee.



Martin O'Malley
Presiding Member,
Mining and Quarrying Occupational Health and Safety Committee

Date: 30 September 2019