

Annual compliance plan for Queensland's mineral and energy resources

2017–18

This publication has been compiled by the Department of Natural Resources and Mines.

© State of Queensland, 2017

The Queensland Government supports and encourages the dissemination and exchange of its information. The copyright in this publication is licensed under a Creative Commons Attribution 4.0 International (CC BY 4.0) licence.

Under this licence you are free, without having to seek our permission, to use this publication in accordance with the licence terms.



You must keep intact the copyright notice and attribute the State of Queensland as the source of the publication.

Note: Some content in this publication may have different licence terms as indicated.

For more information on this licence, visit <https://creativecommons.org/licenses/by/4.0/>.

The information contained herein is subject to change without notice. The Queensland Government shall not be liable for technical or other errors or omissions contained herein. The reader/user accepts all risks and responsibility for losses, damages, costs and other consequences resulting directly or indirectly from using this information.

The information and guidance provided in this compliance plan reflects current practices within the Department of Natural Resources and Mines (DNRM), which may change from time to time. This compliance plan does not limit the discretion of DNRM. Any changes will be published through a revised version of this plan.

Contents

Overview and context.....	3
Compliance objectives and outcomes	3
Mineral and energy legislation	4
Compliance principles and behaviours.....	4
Roles and responsibilities.....	4
Enforcement.....	5
Review and reporting	5
Compliance targets.....	6
CSG Compliance Unit	6
Metalliferous Mines and Quarries Inspectorate.....	6
Coal Mines Inspectorate.....	7
Explosives Inspectorate.....	8
Petroleum and Gas Inspectorate	8
Table 8: Petroleum and Gas compliance targets	8
Mining and Petroleum Operations	9

Overview and context

Queensland's world-class resources sector is vital to responsible economic development and to maintain and grow jobs in Queensland. It also makes a significant contribution to the Australian economy.

The Department of Natural Resources and Mines (DNRM) is the agency responsible for promoting and enforcing compliance with the state's mineral and energy resources legislation.

This compliance plan details engagement and compliance activities that DNRM will undertake in relation to relevant mineral and energy resources legislation for the current financial year. The activities have been developed and will be continually reviewed and amended to reflect emerging risks and priorities.

These activities will be undertaken by a range of business units within the DNRM Mineral and Energy Resources Division, including:

- Coal Seam Gas (CSG) Compliance Unit
- Mines Safety and Health
 - Mineral Mines and Quarries Inspectorate
 - Coal Mines Inspectorate
 - Explosives Inspectorate
 - Petroleum and Gas Inspectorate
- Mining and Petroleum Operations.

Compliance objectives and outcomes

This compliance plan aligns with DNRM's strategic plan and implementation of the plan focuses on achieving the following strategic plan strategic objectives and strategies.

Table 1: Strategic Plan objectives and strategies

Strategic Objective	Strategies
Responsible use of our minerals and energy resources	<ul style="list-style-type: none">• Reduce safety and health risks in Queensland's minerals, energy and explosives industries• Ensure a responsible resources and energy sector is a valued and valuable contributor to Queensland

Mineral and energy legislation

Queensland's mineral and energy resources are regulated by the following Acts and Regulations.

Table 2: Acts and Regulations relating to mineral and energy resources

Acts	Regulations
<i>Mining and Quarrying Safety and Health Act 1999</i>	Mining and Quarrying Safety and Health Regulation 2001
<i>Coal Mining Safety and Health Act 1999</i>	Coal Mining Safety and Health Regulation 2001
<i>Petroleum and Gas (Production and Safety) Act 2004</i>	Petroleum and Gas (Production and Safety) Regulation 2004
<i>Explosives Act 1999</i>	Explosives Regulation 1999
<i>Mineral Resources Act 1989</i>	Mineral Resources Regulation 2013
<i>Water Act 2000</i>	Water Regulation 2016
<i>Mineral and Energy Resources (Common Provisions) Act 2014</i>	Mineral and Energy Resources (Common Provisions) Regulation 2016
<i>Geothermal Energy Act 2010</i>	Geothermal Energy Regulation 2012
<i>Petroleum Act 1923</i>	Petroleum Regulation 2004
<i>Fossicking Act 1994</i>	Fossicking Regulation 2009

Compliance principles and behaviours

Roles and responsibilities

In order to maintain effective relationships with industry and the community, each party should consider their roles and responsibilities.

Table 3: Guide to roles and responsibilities

Businesses and individuals	DNRM
Actively maintain awareness of, and comply with, legal obligations	Provide information and support regarding legal responsibilities
Establish, implement and maintain work standards, processes and procedures to achieve compliance	Monitor application of existing regulation
Operate in compliance	Participate in activities in which reduced regulatory burden can be achieved Contribute to effective, accessible and understandable legislation
Consider community expectations regarding compliance	Undertake research, analysis and consultation to develop compliance materials and activities

Businesses and individuals	DNRM
Undertake regular self-assessments to verify compliance	Consider community expectations regarding industry compliance
Rectify any non-compliance identified in a timely, safe and efficient manner and, if required, maintain open channels of communication with DNRM until there is a resolution	Undertake activities in a professional, ethical and transparent manner
Ensure open and transparent communication with DNRM	Maintain the effectiveness and integrity of compliance delivery by providing compliance officers with appropriate training and tools

Enforcement

DNRM will take a number of factors into consideration when it assesses non-compliance. These may include the consequences of non-compliance, circumstances and legislative objectives. Based on this assessment, a number of enforcement actions can be used in isolation or in combination, including:

- constructive guidance (e.g. formal inspections and communication of information)
- statutory notices (e.g. safety instructions, safety alerts and advice of non-compliance)
- high-level sanction (e.g. suspension, infringement penalties and prosecution).

Within the DNRM Minerals and Energy Resources Division, compliance is enforced by different business units aligned with each resources sector. The outcomes of this compliance approach is to ensure that each sector is appropriately regulated by trained professionals with a good understanding of the legislative framework for each sector. Specific sector targets (for proactive and reactive compliance) are outlined in the 'Compliance targets' section (overleaf).

Review and reporting

DNRM will continue ongoing monitoring and evaluation of this plan to ensure effectiveness. An annual report card will be published in August 2018.

Compliance targets

CSG Compliance Unit

Table 4: CSG Compliance Unit compliance targets

Targets
Audits and Inspections <ul style="list-style-type: none">○ Undertake 30 land access audits and inspections○ Undertake 20 groundwater audits and inspections
Stakeholder Engagement <ul style="list-style-type: none">○ Attend 40 targeted landholder and community engagement activities○ Attend 32 regional petroleum and gas industry meetings○ Hold 4 groundwater issues forums with CSG companies○ Establish Groundwater Net groups in the Galilee Basin○ Undertake 24 groundwater engagement activities○ Annual status reports delivered to all Groundwater Net groups

Metalliferous Mines and Quarries Inspectorate

Table 5: Metalliferous Mines and Quarries Inspectorate compliance targets

Targets
Audits and inspections <ul style="list-style-type: none">○ Undertake 980 mineral mine and quarry inspections○ Undertake 6 mine safety and health management system audits○ Undertake 30 structured inspections of mineral mines and quarries for respirable crystalline silica management
Stakeholder Engagement <ul style="list-style-type: none">○ Deliver 5 quarry safety and health seminars (Cairns, Townsville, Rockhampton, Mackay and Brisbane)○ Hold 1 underground mine managers forum○ Publish guidance material:<ul style="list-style-type: none">○ management of Respirable Crystalline Silica monitoring and health surveillance guideline○ collisions guidance note

Coal Mines Inspectorate

Table 6: Coal Mines Inspectorate compliance targets

Targets
<p>Audits and inspections</p> <ul style="list-style-type: none">○ Undertake 400 coal mine inspections○ Undertake 82 coal mine safety and health management system principal hazard audits
<p>Stakeholder Engagement</p> <ul style="list-style-type: none">○ Hold 1 industry mine leader's forum (mine operators and senior site executives)○ Hold 1 open-cut mine manager's forum (open-cut managers and senior site executives)○ Hold 1 underground mine managers forum○ Hold 4 explosions risk zones controllers forums○ Hold 2 ventilation officers forums○ Hold 2 electrical engineering managers forums○ Hold 2 mechanical engineering managers forums○ Hold 2 site safety and health representatives forums○ Hold annual safety forum○ Participate in Australian standards working group meetings○ Run 3 board of examiner roadshows○ Hold 4 recognised standards meetings○ Hold 2 diesel particulate matter meetings
<p>Share information and knowledge to reduce risk</p> <ul style="list-style-type: none">○ Safety alerts posted within 20 business days of an incident occurring○ Develop the following recognised standards:<ul style="list-style-type: none">○ sealing management○ risk management○ management structures○ polymeric chemicals

Explosives Inspectorate

Table 7: Explosives Inspectorate compliance targets

Targets
Audits and Inspections <ul style="list-style-type: none">○ Undertake 600 audits and inspections of licence holders and other explosive activities
Stakeholder Engagement <ul style="list-style-type: none">○ Hold 2 Transport Industry Liaison Group meetings○ Hold 2 fireworks industry meetings○ Hold 4 explosives security coordination meetings○ Deliver 1 fume seminar○ Produce or update guidance notes or codes for management of fume and special effects○ Conduct at least 1 power of explosives demonstration to key government agencies

Petroleum and Gas Inspectorate

Table 8: Petroleum and Gas compliance targets

Targets
Audits and Inspections <ul style="list-style-type: none">○ Undertake 50 drilling operating plant compliance activities○ Undertake 60 pipelines compliance activities○ Undertake 25 compliance activities for petroleum processing facilities○ Undertake 18 compliance activities for water treatment facilities○ Undertake 20 biogas compliance activities○ Undertake 400 domestic installations compliance activities○ Undertake 10 compliance activities—motor fuel authorisation holders○ Undertake 10 compliance activities—automotive○ Undertake 20 compliance activities—hydrocarbon refrigerants○ Undertake 50 compliance activities—caravans

Mining and Petroleum Operations

Table 9: Mining and Petroleum Operations compliance targets

Targets
<p>Audits and Inspections</p> <ul style="list-style-type: none">○ Conduct 400 small-scale mining (gemstones, opals and other precious stones) audits○ Conduct 300 mineral resources audits○ Conduct 80 coal resources audits○ Conduct 80 petroleum and gas resources audits○ Conduct 30 fossicking inspections (North Region 15 / South Region 15):
<p>Stakeholder Engagement</p> <p>Meetings with Members of Parliament and local government:</p> <ul style="list-style-type: none">○ 4 (mineral)○ 4 (coal)○ 4 (small-scale mining)○ 4 (petroleum) <p>Meetings with key industry groups/peak body organisations:</p> <ul style="list-style-type: none">○ 4 (northern region)○ 4 (central and southern region) <p>Meetings with key community groups:</p> <ul style="list-style-type: none">○ 4 (northern region)○ 6 (central/southern region) <p>Meetings with key Indigenous stakeholders:</p> <ul style="list-style-type: none">○ 4 (northern region)○ 6 (central/southern region)