## Coal Mining Safety and Health Act 1999 (Qld)
### Coal Mining Safety and Health Regulation 2001

**Competencies recognised by the Coal Mining Safety and Health Advisory Committee**

*Note:* The competencies determined for the respective positions and operative date for the acquisition of such competencies may be amended by the council from time to time if amendments are deemed necessary.

<table>
<thead>
<tr>
<th>No.</th>
<th>Act/Regulation</th>
<th>Position</th>
<th>Required competency</th>
<th>Required from:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Regulation – section 82</td>
<td>All coal mine workers</td>
<td>RIIRIS201A (previously MNC.C6.A or MNCC1006A)</td>
<td>01/01/2002</td>
</tr>
<tr>
<td>2</td>
<td>Act – section 56</td>
<td>Supervisor</td>
<td>RIIRIS301A (previously QMS1 or MNCG1001A), RIIOHS301A (previously QMS2 or MNCG1008A) and RIICOM301A (previously QMS3 or MNCG1009A)</td>
<td>30/08/2002</td>
</tr>
<tr>
<td>3</td>
<td>Act – section 60(2)</td>
<td>Underground Mine Manager</td>
<td>RIIRIS601A (previously MNCG1003A), MINE7033 or GMIRM; and</td>
<td>06/08/2009</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• First Class Mine Manager's Certificate of Competency granted under the <em>Coal Mining Act 1925</em>; or</td>
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<td></td>
<td>• First Class Mine Manager's Certificate of Competency granted under the <em>Coal Mining Safety and Health Act 1999</em></td>
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<tr>
<td>4</td>
<td>Act – section 60(9)</td>
<td>ERZ controller</td>
<td>RIIRIS402A (previously MNCG1002A); and,</td>
<td>01/12/2002</td>
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<td></td>
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<td></td>
<td>• Deputy's, First Class Mine Manager's or Second Class Mine Manager's Certificate of Competency granted under the <em>Coal Mining Act 1925</em>; or</td>
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<td>• Deputy's, First Class Mine Manager's or Second Class Mine Manager's Certificate of Competency granted under the <em>Coal Mining Safety and Health Act 1999</em></td>
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<tr>
<td>5</td>
<td>Act – section 59</td>
<td>Open Cut Examiner</td>
<td>RIIRIS402A (previously MNCG1002A); and,</td>
<td>01/12/2002</td>
</tr>
<tr>
<td></td>
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<td></td>
<td>• Open-cut Examiner's Certificate granted under the <em>Coal Mining Act 1925</em>; or</td>
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<td></td>
<td>• Open Cut Examiner’s Certificate of Competency granted under the <em>Coal Mining Safety and Health Act 1999</em></td>
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<tr>
<td>6</td>
<td>Act – section 109(2)</td>
<td>Industry Safety and Health Representative</td>
<td>RIIRIS402A (previously MNCG1002A); and,</td>
<td>01/12/2002</td>
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<td></td>
<td></td>
<td></td>
<td>• Deputy's, First Class Mine Manager's or Second Class Mine Manager's Certificate of Competency granted under the <em>Coal Mining Act 1925</em>; or</td>
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<td></td>
<td></td>
<td></td>
<td>• Deputy's, First Class Mine Manager's or Second Class Mine Manager's Certificate of Competency granted under the <em>Coal Mining Safety and Health Act 1999</em></td>
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<td>7</td>
<td>Act – section 93(3)</td>
<td>Site Safety and Health Representative</td>
<td>RIIRIS301A, (previously QMS1 or MNCG1001A), RIIOHS301A, (previously QMS2 or MNCG1008A) and RIICOM301A (previously QMS3 or MNCG1009A)</td>
<td>01/07/2002</td>
</tr>
<tr>
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| 8   | Act – section 54(1) | Site Senior Executive             | A statutory legislation exam, as administered by the Board of Examiners, and  
• RIIRIS301A (previously QMS1 or MNCG1001A)  
A statutory legislation exam, as administered by the Board of Examiners, and  
• RIIRIS601A (previously MNCG1003A) or  
• MINE7033 or  
• GMIRM.  
In addition, the Site Senior Executive, or a person named in a senior position under s55 of the Coal Mining Safety and Health Act 1999, must obtain the competency unit  
• RIIOHS601A (previously MNCG1107A) or  
• MINE7041.                                                                                   | 30/11/2009 |
| 9   | Act – section 60(10) | Underground Electrical Engineering Manager | RIIIRIS402A (previously MNCG1002A); and  
• Mine Electrician Certificate (All Coal Mines or Underground Coal Mines)¹ granted under the Coal Mining Act 1925; and possession of the following units², with endorsements, where applicable, relevant to the explosion protection techniques at the coal mine, with the latest revision of the applicable competency unit being the current requirement –  
UEENEM080A (previously UEENEM001B, UTENES010A), UEENEM019A (previously UEENEM002B, UTENES012A), UEENEM023A (previously UEENEM004B, UTENES017A), UEENEM027A (previously UEENEM006B, UTENES214A), UEENEM031A (previously UEENEM007B, UTENES215A), UEENEM0135A (previously UEENEM0078, UTENES017A), UEENEM308A (previously UEENEM009B, UTENES408A), UEENEM042A (previously UEENEM010B, UTENES409A), UEENEM043A (previously UEENEM011B, UTENES410A), UEENEM047A (previously UEENEM012B, UTENES609A), UEENEM078A (previously UEENEM013B, UTENES610A), UEENEM074A (previously UEENEM016B, UTENES707A) or Possession of the following units², with endorsements, where applicable, relevant to the explosion protection techniques at the coal mine, with the latest revision of the applicable competency unit being the current requirement –  
UEENEM013B (previously UTENES602BA), UEENEM010B (previously UTENES603BA), UEENEM069B (previously UTENES606BA), RIIRA1609A (previously MNCG1090A), UEENEM080A (previously UEENEM001B, UTENES010A), UEENEM019A (previously UEENEM002B, UTENES012A), UEENEM023A (previously UEENEM004B, UTENES017A), UEENEM027A (previously UEENEM006B, UTENES214A), UEENEM031A (previously UEENEM007B, UTENES215A), UEENEM035A (previously UEENEM008B, UTENES407A), UEENEM038A (previously UEENEM009B, UTENES408A), UEENEM042A (previously UEENEM010B, UTENES409A), UEENEM043A (previously UEENEM011B, UTENES410A), UEENEM047A (previously UEENEM012B, UTENES609A), UEENEM078A (previously UEENEM013B, UTENES610A), UEENEM074A (previously UEENEM016B, UTENES707A) or Possession of equivalent electrical qualifications                                                                                   | 29/7/2005 |
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| 10  | Regulation – section 17 | Surface Electrical Engineering Manager | RIIRIS301A (previously QMS1 or MNCG1001A); and  
- Mine Electrician Certificate (All Coal Mines or Open-cut Coal Mines)¹ granted under the Coal Mining Act 1925; or  
- A Degree in Electrical Engineering, and possession of the following units² with the latest revision of the applicable competency unit being the current requirement – UEEE013B (previously UTENES602BA), UEEE010B (previously UTENES603BA), UEEEG069B (previously UTENES606BA), RIIRA1609A (previously MNCG1090A), or  
- A Diploma in Electrical Engineering and possession of the following units² with the latest revision of the applicable competency unit being the current requirement – UEEE013B (previously UTENES602BA), UEEE010B (previously UTENES603BA), UEEEG069B (previously UTENES606BA), RIIRA1609A (previously MNCG1090A), or  
- An Electrical Worker's Licence and possession of the following units² with the latest revision of the applicable competency unit being the current requirement – UEEE013B (previously UTENES602BA), UEEE010B (previously UTENES603BA), UEEEG069B (previously UTENES606BA), RIIRA1609A (previously MNCG1090A), or  
- Possession of equivalent electrical qualifications  
Note 1 A NSW Certificate of Competency as a Mine Electrical Engineer is also acceptable.  
Note 2 These units form part of the Diploma in Mine Electrical Engineering (RII09) and the Advanced Diploma of Electrical Engineering – Coal Mining (UEE) | 1/7/2002 |
| 11  | Regulation – section 209 | Underground Shotfirer | Relevant Shotfirer's Licence issued under the Explosives Act 1999; or  
- Deputy’s Certificate granted under the Coal Mining Act 1925 free from an endorsement prohibiting shotfiring; or  
- RIIBLA302A (previously MNC.U48.A or MNCU1048A) | 01/01/2002 |
| 12  | Regulation – section 209 | Underground assistant Shotfirer | Relevant Shotfirer's Licence issued under the Explosives Act 1999; or  
- Deputy’s Certificate granted under the Coal Mining Act 1925 free from an endorsement prohibiting shotfiring; or  
- RIIBLA302A (previously MNC.U48.A or MNCU1048A) or  
- RIIBLA202A (previously MNC.U49.A or MNCU1049A) | 01/01/2002 |
| 13  | Regulation – section 155(1) | Underground Fire Officer | RIERR201A (previously MNC.G5.A or MNCG1005A) | 01/01/2003 |
| 14  | Act – section 61(2) | Underground Ventilation Officer | RIIRIS402A (previously MNCG1002A); and  
- RIIUND603A (previously MNC.U109.A or MNCU1109A) or  
- Possession of equivalent competency to RIIUND603A (previously MNC.U109.A or MNCU1109A) | 16/03/2003 |
<p>| 15  | Regulation – section 371(sch7) | Persons undertaking electrical activities or electrical work | Appropriate electrical workers licence or competency required under the Electrical Safety Act 2002, for the activity or work undertaken. | |</p>
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| 16  | Act – section 67(6) | Certifying Mine Survey Plans Underground Plans only | A person holding a  
• Mine Surveyor Certificate (All Mines) granted under the *Coal Mining Act 1925*; or  
• Degree in Mine Surveying and RIISDM501A (previously MNC.G10.A or MNCG1000A) or  
• Diploma in Mine Surveying and RIISDM501A (previously MNC.G10.A or MNCG1000A)  
must commence the transition, and has until **31/12/2012**, to obtain registration, under the *Surveyors Act 2003*, as a surveyor with a registration endorsement of ‘mining (A)’ |  
Certifying Mine Survey Plans Surface Plans only | A person registered as a surveyor or surveying associate under the *Surveyors Act 2003* must commence the transition, and has until **31/12/2012**, to obtain registration, under the *Surveyors Act 2003*, as a surveyor with a registration endorsement of ‘mining (A)’ or ‘mining (O)’ |
| 17  | Regulation – section 371(sch7) | Opencut Shotfirer | • Relevant shotfirer's licence issued under the *Explosives Act 1999*; or  
• Open-cut Examiner’s Certificate granted under the *Coal Mining Act 1925* free from an endorsement prohibiting shotfiring; or  
• RIIBLA301A (previously MNC.O40.A or MNCO1040A) | 01/01/2002 |
| 18  | Regulation – section 371(sch7) | Opencut Assistant Shotfirer | • Relevant shotfirer's licence issued under the *Explosives Act 1999*; or  
• Open-cut Examiner’s Certificate granted under the *Coal Mining Act 1925* free from an endorsement prohibiting shotfiring; or;  
• RIIBLA301A (previously MNC.O40.A or MNCO1040A); or  
• RIIBLA201A (previously MNC.O41.A or MNCO1041A) | 01/07/2002 |
| 19  | Regulation – section 275 | Person in charge of winders | • Winding Licence granted under the *Coal Mining Act 1925* or the *Mines Regulation Act 1964*; or  
• Assessment by a mines inspector | 01/01/2002 |
| 20  | Regulation – section 82(2)(f) | Trainers | • Competencies from the BSZ98, TAA04 or TAE10 suites of competency standards relevant to the training being provided; or  
• Possession of an equivalent training qualification | 16/03/2001 |
<p>| 21  | Regulation – section 82(2)(f) | Training Assessors | Competencies from the BSZ98, TAA04 or TAE10 suites of competency standards relevant to the assessment being provided | 16/03/2001 |
| 22  | Regulation – section 371(sch7) | Underground Mechanical Engineer | RIIRIS402A (previously MNCG1002A) | 01/12/2002 |
| 23  | Regulation – Section 20(1) | Persons repairing, overhauling and maintaining electrical equipment for explosive atmospheres at a coal mine. | UENEEM080A (previously UENEEM001B, UTENES010A), UENEEM019A (previously UENEEM002B, UTENES012A), UENEEM023A (previously UENEEM004B, UTENES017A), UENEEM027A (previously UENEEM006B, UTENES214A), UENEEM038A (previously UENEEM009B, UTENES408A), UENEEM042A (previously UENEEM010B, UTENES409A), UENEEM043A (previously UENEEM011B, UTENES410A), with endorsements, where applicable, relevant to the explosion protection techniques at the coal mine, with the latest revision of the applicable competency unit being the current requirement | 31/12/2003 |</p>
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<td>24</td>
<td>Regulation – Section 20(2)</td>
<td>Persons carrying out work on extra low voltage systems associated with mobile plant for an underground coal mine.</td>
<td>UEENEEM080A (previously UEENEEM001B, UTENES010A), UEENEEM019A (previously UEENEEM002B, UTENES012A), with endorsements, where applicable, relevant to the explosion protection techniques at the coal mine, <strong>with the latest revision of the applicable competency unit being the current requirement</strong></td>
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</table>

**Notes on qualifications and competency standards**

**Equivalent qualifications:** Inherent in Section 55 of the *Coal Mining Safety and Health Act 1999* is the obligation on the site senior executive to ensure that there is an auditable system to determine that other qualifications adopted, where allowed by the Advisory Council, are equivalent to those recognised by the Advisory Council.

**Applicable Units of Competency, Training Packages**

RIIRIS301A=Apply the risk management process (Previously QMS1 or MNCG1001A) and equivalent, RIIOSH301A= Conduct safety and health investigations, (previously QMS2 or MNCG1008A) and equivalent and RIIOM301A=Communicate information (previously QMS3 or MNCG1009A) and equivalent.

**General, all operations –**
- RIIRIS201A = Conduct local risk control. (Previously MNC.C6.A or MNCC1006A)
- RIIERR201A = Conduct fire team operations (previously MNC.G5.A or MNCG1005A)
- RIIRIS402A = Carry out the risk management process (previously MNCG1002A)
- RIIISDM501A = Establish and maintain the risk management system (previously MNCG1003A)
- MINE7033 = Minerals Industry Risk Management
- GMIRM = Global Minerals Industry Risk Management
- MINE7041 = Mine Occupational Health and Safety Management
- RIIOH501A = Establish and maintain the OHS management system (previously MNCG1107A)
- RIIISDM501A = Conduct mine surveying operations (previously MNC.G10.A or MNCG1000A)
- BSZ98 = Business services national training package
- TAA04 = Training and assessment training package
- TAE10 = Training and education
- MNC.98 = National coal industry training package
- MNC50404 = Diploma of Mine Electrical Engineering

**Surface (open cut) operations –**
- RIIBLA301A = Conduct surface shotfiring operations (previously MNC.O40.A or MNCO1040A)
- RIIBLA201A = Support shotfiring operations (previously MNC.O41.A or MNCO1041A)

**Underground operations –**
- RIIBLA302A = Conduct shotfiring operations in underground coal mines (previously MNC.U48.A or MNCU1048A)
- RIIBLA202A = Support underground shotfiring operations (previously MNC.U49.A or MNCU1049A)
- RIISDM501A = Conduct mine surveying operations (previously MNC.G10.A or MNCG1000A)
- RIUND603A = Manage, operate and maintain the mine ventilation system (previously MNC.U109.A or MNCU1109A)


**Updates:**
- 14 December 2009 - amalgamation of several training packages into ‘RII09 Resources and Infrastructure Industry Training Package’
- 14 November 2011 - update to requirements for Site Senior Executives; row 8, and those certifying mine survey plans; row 16
- 7 December 2011 - addition of updated competency suite for trainers and training assessors; rows 20 and 21