

***Coal Mining Safety and Health Act 1999***  
***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.

No	Act / Regulation	Position	Required competency	Required from:
1	Regulation - section 82	All Coal Mine Workers	RIIRIS201A (previously MNC.C6.A or MNCC1006A)	01/01/2002
2	Act - section 56	Supervisor	RIIRIS301A (previously QMS1 or MNCG1001A), RIIOHS301A (previously QMS2 or MNCG1008A) and RIICOM301A (previously QMS3 or MNCG1009A)	30/08/2002
3	Act - section 60(2)	Underground Mine Manager	RIIRIS601A (previously MNCG1003A), MINE7033 or GMIRM; and <ul style="list-style-type: none"> <li>• First Class Mine Manager's Certificate of Competency granted under the <i>Coal Mining Act 1925</i>;</li> <li>or</li> <li>• First Class Mine Manager's Certificate of Competency granted under the <i>Coal Mining Safety and Health Act 1999</i></li> </ul>	06/08/2009
4	Act - section 60(9)	ERZ controller	RIIRIS402A (previously MNCG1002A); and <ul style="list-style-type: none"> <li>• Deputy's, First Class Mine Manager's or Second Class Mine Manager's Certificate of Competency granted under the <i>Coal Mining Act 1925</i>; or</li> <li>• Deputy's, First Class Mine Manager's or Second Class Mine Manager's Certificate of Competency granted under the <i>Coal Mining Safety and Health Act 1999</i></li> </ul>	01/12/2002
5	Act - section 59	Open Cut Examiner	RIIRIS402A (previously MNCG1002A); and <ul style="list-style-type: none"> <li>• Open-cut Examiner's Certificate granted under the <i>Coal Mining Act 1925</i>; or</li> <li>• Open Cut Examiner's Certificate of Competency granted under the <i>Coal Mining Safety and Health Act 1999</i></li> </ul>	01/12/2002
6	Act - section 109(2)	Industry Safety and Health Representative	RIIRIS402A (previously MNCG1002A); and <ul style="list-style-type: none"> <li>• Deputy's, First Class Mine Manager's or Second Class Mine Manager's Certificate of Competency granted under the <i>Coal Mining Act 1925</i>; or</li> <li>• Deputy's, First Class Mine Manager's or Second Class Mine Manager's Certificate of Competency granted under the <i>Coal Mining Safety and Health Act 1999</i></li> </ul>	01/12/2002
7	Act - section 93(3)	Site Safety and Health Representative	RIIRIS301A, (previously QMS1 or MNCG1001A), RIIOHS301A, (previously QMS2 or MNCG1008A) and RIICOM301A (previously QMS3 or MNCG1009A)	01/07/2002

8	Act - section 54(1)	Site Senior Executive	A statutory legislation exam, as administered by the Board of Examiners, and <ul style="list-style-type: none"> <li>RIIRIS301A (previously QMS1 or MNCG1001A)</li> </ul>	30/11/2009
			A statutory legislation exam, as administered by the Board of Examiners, and <ul style="list-style-type: none"> <li>RIIRIS601A (previously MNCG1003A) or</li> <li>MINE7033 or</li> <li>GMIRM</li> </ul>	31/12/2010
			A statutory legislation exam, as administered by the Board of Examiners, and <ul style="list-style-type: none"> <li>RIIRIS601A (previously MNCG1003A) or</li> <li>MINE7033 or</li> <li>GMIRM.</li> </ul> <p>In addition, the Site Senior Executive, or a person named in a senior position under s55 of the <i>Coal Mining Safety and Health Act 1999</i>, must obtain the competency unit RIIOHS601A (previously MNCG1107A).</p>	30/06/2011
9	Act - section 60(10)	Underground Electrical Engineering Manager	<p>RIIRIS402A (previously MNCG1002A); and</p> <ul style="list-style-type: none"> <li>Mine Electrician Certificate (All Coal Mines or Underground Coal Mines)<sup>1</sup> granted under the <i>Coal Mining Act 1925</i>; and possession of the following units<sup>2</sup>, 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  UEENEEM001B (previously UTENES010A), UEENEEM002B (previously UTENES012A), UEENEEM004B (previously UTENES017A), UEENEEM006B (previously UTENES214A), UEENEEM007B (previously UTENES215A), UEENEEM008B (previously UTENES407A), UEENEEM009B (previously UTENES408A), UEENEEM010B (previously UTENES409A), UEENEEM011B (previously UTENES410A), UEENEEM012B (previously UTENES609A), UEENEEM013B (previously UTENES610A), UEENEEM016B (previously UTENES707A) or</li> <li>Possession of the following units<sup>2</sup>, 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 - UEENEE013B (previously UTENES602BA), UEENEEE010B (previously UTENES603BA), UEENEEG069B (previously UTENES606BA), RIIRA1609A (previously MNCG1090A), UEENEEM001B (previously UTENES010A), UEENEEM002B (previously UTENES012A), UEENEEM004B (previously UTENES017A), UEENEEM006B (previously UTENES214A), UEENEEM007B (previously UTENES215A), UEENEEM008B (previously UTENES407A), UEENEEM009B (previously UTENES408A), UEENEEM010B (previously UTENES409A), UEENEEM011B (previously UTENES410A), UEENEEM012B (previously UTENES609A), UEENEEM013B (previously UTENES610A), UEENEEM016B (previously UTENES707A) or</li> <li>Possession of equivalent electrical qualifications</li> </ul> <p><u>Note 1</u> A NSW Certificate of Competency as a Mine Electrical Engineer is also acceptable.</p>	29/7/2005

			<u>Note 2</u> These units form part of the Diploma in Mine Electrical Engineering (RII09) and the Advanced Diploma of Electrical Engineering – Coal Mining (UEE)',	
10	Regulation - section 17	Surface Electrical Engineering Manager	<p>RIIRIS301A (previously QMS1 or MNCG1001A); and</p> <ul style="list-style-type: none"> <li>▪ Mine Electrician Certificate (All Coal Mines or Open-cut Coal Mines)<sup>1</sup> granted under the <i>Coal Mining Act 1925</i>; or</li> <li>▪ A Degree in Electrical Engineering, and possession of the following units<sup>2</sup> with the latest revision of the applicable competency unit being the current requirement - UEENEE013B (previously UTENES602BA), UEENEEE010B (previously UTENES603BA), UEENEEG069B (previously UTENES606BA), RIIRA1609A (previously MNCG1090A), or</li> <li>▪ A Diploma in Electrical Engineering and possession of the following units<sup>2</sup> with the latest revision of the applicable competency unit being the current requirement - UEENEE013B (previously UTENES602BA), UEENEEE010B (previously UTENES603BA), UEENEEG069B (previously UTENES606BA), RIIRA1609A (previously MNCG1090A), or</li> <li>▪ An Electrical Worker's Licence and possession of the following units<sup>2</sup> with the latest revision of the applicable competency unit being the current requirement - UEENEE013B (previously UTENES602BA), UEENEEE010B (previously UTENES603BA), UEENEEG069B (previously UTENES606BA), RIIRA1609A (previously MNCG1090A), or</li> <li>▪ Possession of equivalent electrical qualifications</li> </ul> <p><u>Note 1</u> A NSW Certificate of Competency as a Mine Electrical Engineer, or a NSW Certificate of Competency as a Mine Electrical Engineer for an Opencut Mine, is also acceptable.</p> <p><u>Note 2</u> These units form part of the Diploma of Mine Electrical Engineering (RII09) and the Advanced Diploma of Electrical Engineering – Coal Mining (UEE)',</p>	1/7/2002
11	Regulation - section 209	Underground Shotfirer	<ul style="list-style-type: none"> <li>• Relevant Shotfirer's Licence issued under the <i>Explosives Act 1999</i>; or</li> <li>• Deputy's Certificate granted under the <i>Coal Mining Act 1925</i> free from an endorsement prohibiting shotfiring; or</li> <li>• RIIBLA302A (previously MNC.U48.A or MNCU1048A)</li> </ul>	01/01/2002
12	Regulation - section 209	Underground assistant Shotfirer	<ul style="list-style-type: none"> <li>• Relevant Shotfirer's Licence issued under the <i>Explosives Act 1999</i>; or</li> <li>• Deputy's Certificate granted under the <i>Coal Mining Act 1925</i> free from an endorsement prohibiting shotfiring; or</li> <li>• RIIBLA302A (previously MNC.U48.A or MNCU1048A) or</li> <li>• RIIBLA202A (previously MNC.U49.A or MNCU1049A)</li> </ul>	01/01/2002
13	Regulation - section 155(1)	Underground Fire Officer	RIIERR201A (previously MNC.G5.A or MNCG1005A)	01/01/2003
14	Act - section 61(2)	Underground Ventilation Officer	<p>RIIRIS402A (previously MNCG1002A); and</p> <ul style="list-style-type: none"> <li>• RIIUND603A (previously MNC.U109.A or MNCU1109A) or</li> <li>• Possession of equivalent competency to RIIUND603A (previously MNC.U109.A or MNCU1109A)</li> </ul>	16/03/2003

15	Regulation - section 371(sch7)	Persons undertaking electrical activities or electrical work	Appropriate electrical workers licence or competency required under the <i>Electrical Safety Act 2002</i> , for the activity or work undertaken.	
16	Act - section 67(6)	Certifying Mine Survey Plans Underground Plans only	<ul style="list-style-type: none"> <li>• Mine Surveyor Certificate (All Mines) granted under the <i>Coal Mining Act 1925</i>; or</li> <li>• Degree in Mine Surveying and RIISDM501A (previously MNC.G10.A or MNCG1000A) or</li> <li>• Diploma in Mine Surveying and RIISDM501A (previously MNC.G10.A or MNCG1000A)</li> </ul>	01/01/2002
17	Regulation - section 371(sch7)	Opencut Shotfirer	<ul style="list-style-type: none"> <li>• Relevant Shotfirer's Licence issued under the <i>Explosives Act 1999</i>; or</li> <li>• Open-cut Examiner's Certificate granted under the <i>Coal Mining Act 1925</i> free from an endorsement prohibiting shotfiring; or</li> <li>• RIIBLA301A (previously MNC.O40.A or MNCO1040A)</li> </ul>	01/01/2002
18	Regulation - section 371(sch7)	Opencut Assistant Shotfirer	<ul style="list-style-type: none"> <li>• Relevant Shotfirer's Licence issued under the <i>Explosives Act 1999</i>; or</li> <li>• Open-cut Examiner's Certificate granted under the <i>Coal Mining Act 1925</i> free from an endorsement prohibiting shotfiring; or</li> <li>• RIIBLA301A (previously MNC.O40.A or MNCO1040A); or</li> <li>• RIIBLA201A (previously MNC.O41.A or MNCO1041A)</li> </ul>	01/07/2002
19	Regulation - section 275	Person in charge of winders	<ul style="list-style-type: none"> <li>• Winding Licence granted under the <i>Coal Mining Act 1925</i> or the <i>Mines Regulation Act 1964</i>; or</li> <li>• Assessment by a mines inspector</li> </ul>	01/01/2002
20	Regulation - section 82(2)(f)	Trainers	<ul style="list-style-type: none"> <li>• Competencies from the BSZ98 or TAA04 suites of competency standards relevant to the training being provided; or</li> <li>• Possession of an equivalent training qualification</li> </ul>	16/03/2001
21	Regulation - section 82(2)(f)	Training Assessors	Competencies from BSZ98 or TAA04 suite 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.	UEENEEM001B (previously UTENES010A), UEENEEM002B (previously UTENES012A), UEENEEM004B (previously UTENES017A), UEENEEM006B (previously UTENES214A), UEENEEM009B (previously UTENES408A), UEENEEM010B (previously UTENES409A), UEENEEM011B (previously 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
24	Regulation - Section 20(2)	Persons carrying out work on extra low voltage systems associated with mobile plant for an underground coal mine.	UEENEEM001B (previously UTENES010A), UEENEEM002B (previously UTENES012A), 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

**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, RIIOHS301A= Conduct safety and health investigations, (previously QMS2 or MNCG1008A) and equivalent and RIICOM301A=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)  
 RIIRIS601A = Establish and maintain the risk management system (previously MNCG1003A)  
 MINE7033 = Minerals Industry Risk Management  
 GMIRM = Global Minerals Industry Risk Management  
 RIIOHS601A = Establish and maintain the OHS management system (previously MNCG1107A)  
 RIISDM501A = Conduct mine surveying operations (previously MNC.G10.A or MNCG1000A)  
 BSZ98 = Business services national training package  
 TAA04 = Training and Assessment training package  
 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)  
 RIIUND603A = Manage, operate and maintain the mine ventilation system (previously MNC.U109.A or MNCU1109A)

Information on training packages, training providers and competency standards is available from various websites, including [www.miskillscentre.com.au](http://www.miskillscentre.com.au) [www.skillsdmc.com.au](http://www.skillsdmc.com.au); and [www.ntis.gov.au](http://www.ntis.gov.au) .

<b><u>Date of agreed update</u></b>	<b><u>Reason for Update</u></b>
14 December 2009	Update of competencies - due to amalgamation of several training packages into ' <b>RII09 Resources and Infrastructure Industry Training Package</b> ', rationalisation of competencies and recoding of competencies..