Title Describe and manage health, fitness, and well being of persons involved in mines rescue operations

Level 5
Credits 10

Purpose
This unit standard is intended for experienced underground workers in extractive industries.

People credited with this unit standard are able to: describe the physical fitness, medical, and legal requirements that contribute to the safe performance of brigadesmen’s duties; undertake medical and physical fitness tests, and complete a physical fitness course; describe the environmental and physical conditions that may affect the well being of mines rescue personnel; and complete MRS documentation related to health and fitness.

Classification Extractive Industries > Extractive Industries Management

Available grade Achieved

Entry information

Critical health and safety prerequisites
Prerequisites: Unit 7146, *Demonstrate basic knowledge and ability required to work in an underground mine*; Unit 6400, *Manage first aid in emergency situations*; or demonstrate equivalent knowledge and skills.

Explanatory notes

1 Performance of the outcomes of this unit standard must comply with the following enactments and codes:
  Health and Safety in Employment Act 1992 (HSE);
  Health and Safety in Employment Regulations 1995;
  Health and Safety in Employment (Mining Administration) Regulations 1996;
  Health and Safety in Employment (Mining – Underground) Regulations 1999;
  approved codes of practice issued pursuant to the HSE Act.

2 All statutory and authority requirements must include the latest amendments.

3 Mines Rescue Service (MRS) procedures can be obtained from MRS, telephone 03 762 7828.
Outcomes and evidence requirements

Outcome 1

Describe the physical fitness, medical, and legal requirements that contribute to the safe performance of brigadesmen’s duties.

Evidence requirements

1.1 Employment factors that are fundamental to the contractual arrangements between persons involved in mines rescue operations and employers are described.

Range personal grievance, disputes, wage rates and allowances, insurance, annual holidays, holiday service provisions, disciplinary and warning procedures, minimum training hours, trainee probationary period, next of kin details, leave of absence.

1.2 Physical fitness and medical factors that contribute to the safe performance of brigadesmen’s duties are described.

Outcome 2

Undertake medical and physical fitness tests, and complete a physical fitness course.

Evidence requirements

2.1 Pre-entry medical test is completed in accordance with MRS procedures.

2.2 The prescribed physical fitness course is completed in the allotted time and in accordance with MRS procedures.

2.3 An annual medical and an annual physical fitness test are completed in accordance with MRS procedures.

Outcome 3

Describe the environmental and physical conditions that may affect the well being of mines rescue personnel.

Evidence requirements

3.1 The environmental conditions that may affect the well being of a person involved in mines rescue operations are described.

Range heat and humidity, coal dust, gases, hostile environment, chemical contaminations.
3.2 The physical conditions that may affect the well being of a person involved in mines rescue operations are described.

Range dehydration (heat, alcohol), drugs, heat stress, personal protective equipment (PPE) worn, self-discipline, febrile and viral illnesses, fatigue, injury, patient safety.

Outcome 4

Complete MRS documentation related to health and fitness.

Evidence requirements

4.1 Documentation is completed in accordance with MRS procedures.

Range training records, operational documentation, medical records.

---

This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.

### Status information and last date for assessment for superseded versions

<table>
<thead>
<tr>
<th>Process</th>
<th>Version</th>
<th>Date</th>
<th>Last Date for Assessment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Registration</td>
<td>1</td>
<td>22 October 2003</td>
<td>31 December 2017</td>
</tr>
<tr>
<td>Rollover and Revision</td>
<td>2</td>
<td>23 February 2007</td>
<td>31 December 2017</td>
</tr>
<tr>
<td>Rollover and Revision</td>
<td>3</td>
<td>16 July 2010</td>
<td>31 December 2017</td>
</tr>
<tr>
<td>Review</td>
<td>4</td>
<td>21 May 2015</td>
<td>31 December 2017</td>
</tr>
</tbody>
</table>

Consent and Moderation Requirements (CMR) reference 0114


Please note

Providers must be granted consent to assess against standards (accredited) by NZQA, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be granted consent to assess against standards by NZQA before they can register credits from assessment against unit standards.

Providers and Industry Training Organisations, which have been granted consent and which are assessing against unit standards must engage with the moderation system that applies to those standards.

Requirements for consent to assess and an outline of the moderation system that applies to this standard are outlined in the Consent and Moderation Requirements (CMR). The CMR also includes useful information about special requirements for organisations wishing...
to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

This unit standard is expiring