#### STATUTORY RULES OF NORTHERN IRELAND

# 2016 No. 427

## **HEALTH AND SAFETY**

# The Mines Regulations (Northern Ireland) 2016

Made - - - - 13th December 2016

Coming into operation 1st February 2017

## THE MINES REGULATIONS (NORTHERN IRELAND) 2016

#### PART 1

#### INTERPRETATION AND GENERAL

- 1. Citation, commencement and extent
- 2. Interpretation
- 3. Meaning of "mine"
- 4. Application of these Regulations

#### PART 2

#### HEALTH AND SAFETY MANAGEMENT

- 5. Duties of the owner
- 6. Notification of mining operations
- 7. General duties of the mine operator
- 8. Co-operation
- 9. Health and safety document
- 10. Management structure
- 11. Competence
- 12. Instructions, rules and schemes
- 13. Permits to work
- 14. Inspection of the mine
- 15. Maintenance and inspection of equipment
- 16. Record of persons below ground
- 17. Danger areas
- 18. Power of safety representatives to report imminent risk

# PART 3 CONTROL OF MAJOR HAZARDS

#### Fire protection

20. Fire protection plan	19.	General duty
	20.	Fire protection plan

26.

#### Explosive atmospheres

21.	Application of regulations 22 and 23
22.	Explosive atmospheres
23.	Ignition risks
24.	Application of regulations 25 and 26
25.	Burning and welding in coal mines

Risks of explosion in coal mines

27.	Application of regulations 28 to 31
28.	General duties relating to explosives
29.	Duties relating to explosives in mines with explosive atmospheres
30.	Storage of explosives
31.	Rules

Explosives

#### Ground movement

### 32. Duty to take ground control measures

#### Inrushes

33.	Precautions against inrushes
34.	Information about inrush hazards
35.	Mine workings in potentially hazardous areas

#### Shafts, outlets and winding

36.	Shaft construction and modification
<i>5</i> 0.	Shart construction and mounication
37.	Equipment in relevant shafts and outlets
38.	Safety features of winding apparatus
39.	Inspection, maintenance and testing
40.	Signalling and communication

#### Transport systems

41.	Transport s	ystems

#### 42. Transport rules

#### PART 4

#### **VENTILATION**

#### 43. Ventilation

#### PART 5

#### THE MINE ENVIRONMENT

#### Inhalable and respirable dust in coal mines

- 44. Application of COSHH below ground in coal mines
- 45. Assessment and control of inhalable and respirable dust in coal mines

#### Lighting and personal lamps

- 46. Lighting
- 47. Personal lamps

#### PART 6

#### SAFE EXIT, ESCAPE AND RESCUE

- 48. Exits from the mine
- 49. Ways out from places of work
- 50. Emergency routes and emergency doors
- 51. Auxiliary equipment
- 52. Intake airways
- 53. Duties of the mine operator with regard to escape and rescue
- 54. Escape and rescue plan
- 55. Emergency equipment and communication systems
- 56. Training and information
- 57. Self-rescuers

#### PART 7

#### SURVEYORS AND PLANS

- 58. Surveyor
- 59. Working plans, sections, ventilation plans and geological map

#### PART 8

#### TIPS AND TIPPING

- 60. General duty to ensure safety of tips
- 61. Appraisal of tips
- 62. Geotechnical assessments

Tips which are a significant hazard (notifiable tips) 63. 64. Records of substances tipped Notification of tips 65. 66. Tips rules Abandoned tips 67. PART 9 GENERAL 68. Record keeping Plans of abandoned mines 69. 70. Exemptions PART 10 TRANSITIONAL PROVISIONS, REPEALS, REVOCATIONS AND MODIFICATIONS 71. Transitional provisions: general 72. Transitional provisions: tips 73. Repeals and revocations 74. Modifications Signature SCHEDULE Support System Standards for Coal Mines 1 In the case of face workings where props are used—... In the case of face workings where bars are used—... 2. In the case of workings where powered supports are used—... 3. For the purpose of paragraph 3— (a) "powered support" means... 4. 5. In the case of face workings where packs are used—... In the case of face workings where persons work or... 6. In this Schedule, "face working"—(a) in relation to a... 7. 8. In the case of roadways where props and bars are... 9. In the case of roadways where steel arches are used... 10. In the case of roadways where rockbolts are used as... In the case of roadways where machines are used to... 11. In the case of roadways where persons work or pass... 12 For the purpose of this Schedule, "bar" means a support... 13. **SCHEDULE** Content of Geotechnical Assessments 1. Site Survey Site investigation 2. Cross-sections based on site investigations 3. 4. Plans based on site investigation 5. Assumptions made before analysis Findings of analysis 6. 7. Design coming out of analysis Requirements during and after construction 8.

**SCHEDULE** 

**SCHEDULE** 

Repeals

Revocations and partial revocations

Changes to legislation: There are currently no known outstanding effects for the The Mines Regulations (Northern Ireland) 2016. (See end of Document for details)

PART 1 — Revocations

PART 2 — Partial revocations

**SCHEDULE** 

Modifications

5

- PART 1 Modifications to primary legislation
- 1. In the 1969 Act: (a) for section 156 substitute the...
  - PART 2 Modifications to secondary legislation
- 2. In the Safety Representatives and Safety Committees Regulations (Northern Ireland)...
- 3. In the Health and Safety (First Aid) Regulations (Northern Ireland)...
- 4. In the Electricity at Work Regulations (Northern Ireland) 1991—
- 5. In the Workplace (Health, Safety and Welfare) Regulations (Northern Ireland)...
- 6. In the Health and Safety (Enforcing Authority) Regulations (Northern Ireland)...
- 7. In the Lifting Operations and Lifting Equipment Regulations (Northern Ireland)...
- 8. In the Ionising Radiations Regulations (Northern Ireland) 2000 in regulation...
- 9. In PUWER, in place of regulation 6(5)(d) substitute—
- 10. In the Quarries Regulations (Northern Ireland) 2006 in regulation 3(1)(c)...
- 11. In the Pressure Systems Safety Regulations (Northern Ireland) 2004, in...
- 12. In the REACH Enforcement Regulations 2008, in paragraph 1(m)(ii) of
- In the Reporting of Injuries, Diseases and Dangerous Occurrences Regulations...Explanatory Note

**Changes to legislation:**There are currently no known outstanding effects for the The Mines Regulations (Northern Ireland) 2016.