

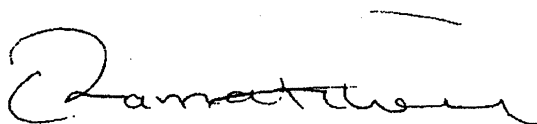
**DEPARTMENT OF MINERAL RESOURCES
DEPARTEMENT VAN MINERALE BRONNE**

No. R. 330

24 April 2015

MINE HEALTH AND SAFETY ACT, 1996 (ACT NO 29 OF 1996)**REGULATIONS RELATING COMPETENCIES FOR ELECTRICITY**

I **ADV. N.A. RAMATLHODI** Minister of Mineral Resources under section 98 (1) of the Mine Health and Safety Act, 1996 (Act No. 29 of 1996), after consultation with the Council, hereby amend the regulations in terms of the Mine Health and Safety Act, as set out in the in the Schedule.



ADV.N.A. RAMATLHODI, MP
MINISTER OF MINERAL RESOURCES

SCHEDULE**REGULATIONS AMENDMENTS****CHAPTER 22****Amendment of Chapter 22 of the regulations**

Chapter 22 of the principal regulations is hereby is hereby amended-

SCHEDULE

1. by the addition of the following regulations:

TECHNICAL COMPETENCIES

Electrical.

22.16.3.1 Design of electrical apparatuses:

The competent person referred to in regulation 3.1(1); means a person who is registered with the Engineering Council of South Africa as a professional engineer and who by virtue of his or her knowledge and experience is competent to design, select and approve electrical systems and installations.

Control of electrical apparatuses

22.16.3.2 The competent person referred to in regulation 3.1(2), 3.3.2 means:

- (a) where the only power supply to the mine is a single phase power supply at a **domestic voltage**, this person is a person who:
 - (i) is in possession of an installation electrician certificate issued by the Department of Labour under the Manpower Training Act or who has been assessed competent against a skills programme or qualification recognised for this purpose by the Mining Qualifications Authority; and
 - (ii) has at least two years post qualification experience in the construction, installation, operation and maintenance of the type of electrical apparatus and reticulation systems on which he or she is required to work at the mine.
- (b) notwithstanding 1.1, where a multi phase power supply of **low voltage** is supplied to a mine (even if single phase power is used at some parts of the mine) this person is a person who:
 - (i) is in possession of an installation electrician certificate issued by the Department of Labour under the Manpower Training Act or who has been assessed competent against a skills programme or qualification recognised for this purpose by the Mining Qualifications Authority; and
 - (ii) has at least two years post qualification experience in the construction, installation, operation and maintenance of the type of electrical apparatus and reticulation systems on which he is required to work at the mine.
- (c) notwithstanding 1.1 and 1.2, where power supplies above **low voltage** is supplied to a mine (even if **domestic** or **low voltage** power is used at some parts of the mine), this person is a person who:
 - (i) is the holder of a Certificate of Competency for Mechanical or Electrical engineer issued by the Department of Mineral Resources and who by virtue of his knowledge and experience is competent in the construction and installation of electrical apparatuses and reticulation systems; or

(ii) has been assessed competent against a qualification recognised for this purpose by the Mining Qualifications Authority.

Installation, repairs and maintenance of electrical apparatuses.

22.16.3 The competent person referred to in regulation 3.1.3 means a person who has:

Qualifications under the Skills Development Act, Act No. 97 of 1998 as:

- a) an electrician or millwright;
- or
- b) a competency or competencies recognised by the Mining Qualification Authority for these purposes and has at least two years post qualification experience in the construction, installation, operation and maintenance of the type of electrical apparatus and reticulation systems on which he or she is required to work at the mine.

22.16.4 Energise, de-energise or isolation of electrical apparatuses

The competent person referred to in regulation 3.3.3 means a person or persons, who collectively hold the following:

Qualifications under the Skills Development Act, Act No. 97 of 1998 as:

- a) an electrician or millwright;
- or
- b) a competency or competencies recognised by the Mining Qualification Authority for these purposes and has at least two years post qualification experience in the construction, installation, operation and maintenance of the type of electrical apparatus and reticulation systems on which he or she is required to work on at the mine.
- c) has, attended a skills programme recognised by the Mining Qualifications Authority for this purpose; and
- d) has two years experience in doing switching on **medium voltage apparatuses.**