

**DEPARTMENT OF MINERALS AND ENERGY
DEPARTEMENT VAN MINERALE EN ENERGIE**

No. R. 583

14 May 2004

REGULATIONS UNDER THE MINE HEALTH AND SAFETY ACT, 1996**(ACT NO 29 OF 1996)**

In terms of section 98 (1) (h) of the Mine Health and Safety Act, 1996 (Act No. 29 of 1996), I Phumzile Mlambo-Ngcuka, Minister of Minerals and Energy, hereby make the Regulations in the Schedule.

The regulations in the Schedule shall not be applicable to underground endless rope haulage installations, monorail installations, chairlift installations, overhead cranes and crawls, railbound equipment used in shafts, winders and raises, lifting machines, stackers and reclaimers.



MS P MLAMBO-NGCUKA

MINISTER OF MINERALS AND ENERGY

SCHEDULE

CHAPTER 8

MACHINERY AND EQUIPMENT

Underground Railbound Transport

- 8.2 The employer must take reasonable measures to ensure that:
- 8.2(1) the **braking system** of every **locomotive** or **train** is capable of stopping the **locomotive** or **train** within a safe distance under all operating conditions;
 - 8.2(2) the **braking system** of every **locomotive** has passed a **dynamic type test** under full load conditions, before being used for the first time and after any brake design modifications;
 - 8.2(3) the **braking system** of every **locomotive** has passed a **static test** before the **locomotive** is put into use at the commencement of each shift, after repairs and after adjustments;
 - 8.2(4) a system is in place to alert persons to the presence and direction of travel of any **locomotive** or **train**;
 - 8.2(5) a system is in place to assist the driver or operator of a **locomotive** or **train** to travel at a safe speed;
 - 8.2(6) any **rolling stock** used for the transportation of persons is approved, by a competent person and is operated and maintained safely;
 - 8.2(7) a system is in place that is capable of preventing any **locomotive** or **train** from inadvertently being set in motion.
- 8.3 No person may board or alight from a **locomotive** or **train** while it is in motion.

REPEALS

The following regulations made under the Minerals Act, in force in terms of item 4 of Schedule 4 of the Act, are hereby repealed

18.1.1	18.6.1
18.1.2	18.6.2
18.1.2(a)	18.7.1
18.1.2(b)	18.7.2
18.1.2(c)	18.7.2(a)
18.1.2(d)	18.7.2(b)
18.1.2(d)(i)	18.7.2(c)
18.1.2(d)(ii)	18.7.2(d)
18.1.2(d)(iii)	18.7.2(e)
18.1.3	18.7.2(f)
18.1.4	18.8.3
18.1.5	18.8.4.1
18.1.6	18.8.5
18.1.6(a)	18.8.6
18.1.6(b)	18.8.7.1
18.2.2.1	18.8.7.1(a)
18.2.2.1(a)	18.8.7.1(b)
18.2.2.1(b)	18.8.7.2
18.2.2.2	18.8.7.3
18.3.3	
18.3.4	
18.4.1.1	
18.4.1.2	
18.4.1.3	
18.4.2.1	
18.4.2.2	

CHAPTER 20

DEFINITIONS

“braking system” means a device or combination of devices capable of reducing the speed of a **locomotive** or **train** to a standstill including emergency brake, park brake and service brake;

“dynamic type test” means the test conducted on a **train** to determine the deceleration rate and braking efficiency;

“locomotive” means a self-propelled railbound machine which requires either a driver for manual operation or an operator for automatic operation;

“rolling stock” means any railbound equipment that is not self-propelled;

“static test” means the test carried out to determine the compliance of the brake holding power of a **locomotive braking system** measured against the design specification or an appropriate safety standard;

“train” means one or more **locomotives** and **rolling stock**, all attached.

Chapter 22**SCHEDULES**

- 22.15(8)(a) The competent person referred to in regulation 8.2 (6) must be in possession of the following:
- (i) An Electrical or Mechanical Certificate of Competency for Mines and Works issued by the Chief Inspector of Mines;
 - (ii) A B degree in Electrical or Mechanical Engineering.