

Portershoek Quarry	Dorning Crushers SAFETY HEALTH AND ENVIRONMENTAL MANAGEMENT SYSTEM (Doc No. 7.5.1.10)	Effective Date: 15 May 2021 Rev.: ISO45001 Date Reviewed: Page: 1 of 3
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Personal Protective Equipment

1. Purpose

To inform workers of the correct Personal Protective Equipment that needs to be used whilst working in the areas as specified in the operation's risk assessments. A number of risk assessments will have reference to this procedure.

2. Scope

This procedure applies to anyone operating or entering zones where the use of PPE is prescribed.

The manager must by law furnish employees with the right PPE, free of charge, and provide necessary training on how to use and maintain it.

Workers, on the other hand, are responsible for using equipment properly following the specific management policies on PPE in staying safe.

3. Reference Documents

Mine Health and Safety Act, Act 29 of 1996

Site specific Risk Assessments

4. Terms and Definitions

PPE means Personal Protective Equipment

5. Procedure

5.1 The types of PPE that need to be worn are indicated at all the different PPE zones.

5.2 Risk assessments conducted at the operation identified PPE areas and will be indicated as such. The following PPE is applicable at this operation and issued to all workers on the first day of employment.

5.2.1 Head Protection – Hard Hat (Compulsory on the plant and Quarry)

5.2.2 Safety Goggles, where indicated.

5.2.3 Hearing protectors (Ear plugs and Muffs in noise zones)

5.2.4 Hand protection – Gloves (When performing work where hand injuries are possible)

5.2.5 Body Protection – Overalls (Compulsory)

5.2.6 Feet protection – Steel toe cap shoes or gumboots (Compulsory)

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5.2.7 Reflective vests where vehicles and pedestrians share working space

5.2.8 Respirators in Respiratory zones

5.3 **Hard Hats** may not be painted, modified or holes made into it. These actions will weaken the strength of the PPE and render it unsafe for use.

5.4 **Safety Goggles** must be used in dusty areas and at critical areas such as crushers and screens.

5.5 Other activities will require additional eye protection and face protection such as welding, grinding, cutting, drilling and use of chemicals. This may include goggles *and* a face shield.

5.6 **Full-face shields** must be used in certain applications in **addition** to safety goggles or coverall goggles when performing activities such as grinding or chipping operations, to provide face and throat protection. A face shield does not provide eye protection it only protects the face. Goggles are also required in welding, cutting or grinding operations.

5.7 **Hearing protection** adequate hearing protection must be properly worn in designated areas.

5.8 **Hand Protection** take off rings, watches and bracelets before you start work.

5.9 Use gloves that are appropriate for the work.

5.10 **Foot Protection** your feet are your transportation. Take care of them by following these tips:

5.11.1 Supervisors must assist workers to recommend the correct style of safety shoes or boots for the type of work of the employee.

5.11.2 Safety shoes/boots must be worn whenever a person works in a safety boot area.

5.11 **Body Protection** issued overalls must be worn at all times when at work.

5.12 Do not wear loose clothes near moving machinery.

5.13 Wear reflective vests in the quarry and when working in proximity of moving vehicle is required.

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5.14 **Respiratory Protection** respirators are required in some areas while performing certain types of work. These may include crushing and screening, stockpile discharge, conveyor belts, loading and work such as grinding, spray painting, sandblasting, power grinding, power broom, welding, chipping, or to control other harmful exposures.

5.15 Wear the proper PPE whenever a respiratory zone is entered.

5.16 Replacement:

5.16.1 **Hard Hats;** Hard hats will be replaced when unserviceable.

5.16.2 **Boiler Suits;** Two boiler suits are issued per person per year. Boiler suits are replaced when unserviceable. Old boiler suits must be returned to collect new boiler suite.

5.16.3 **Gloves;** will be replaced when unserviceable.

5.16.4 **Safety Boots;**

6 Responsibility

6.1 The manager is firstly responsible to ensure the correct number and types of PPE is purchased made available on site.

6.2 It is a supervisor's responsibility to ensure that the PPE is issued and worn correctly by the workers in the designated places.

7 Recording

PPE registers are kept in the appropriate PPE register.



Site Manager



Date