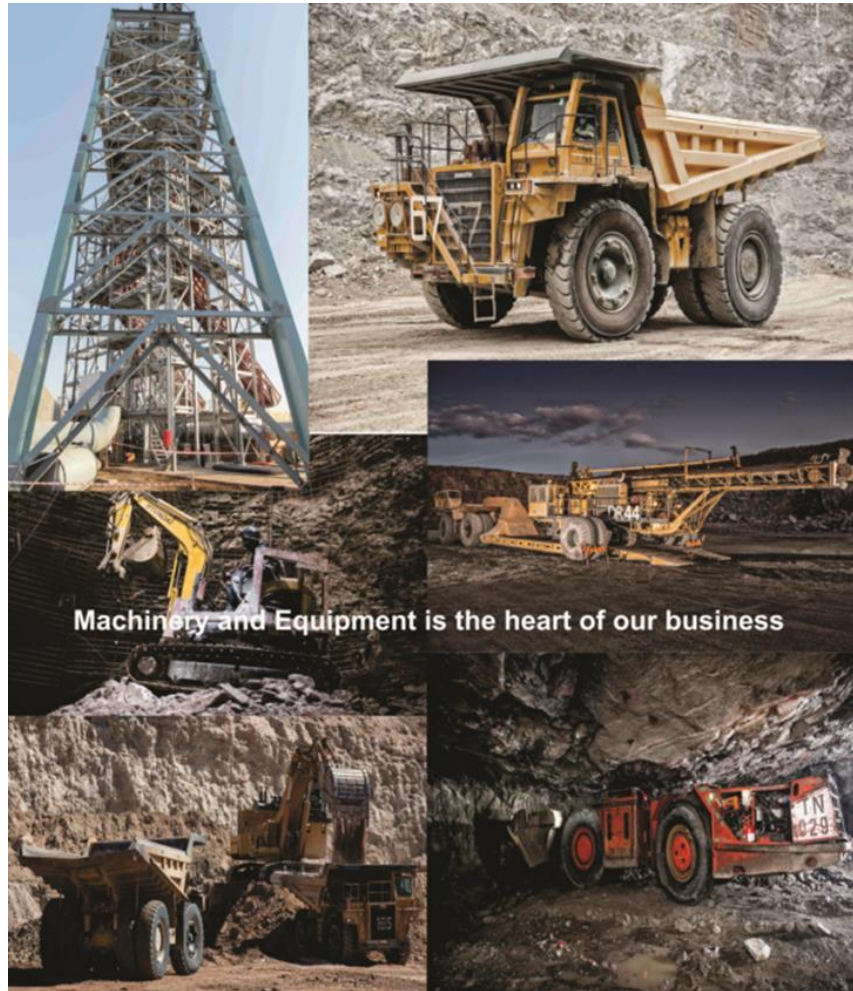


FATAL RISK PROTOCOL'S



MOBILE AND FIXED EQUIPMENT



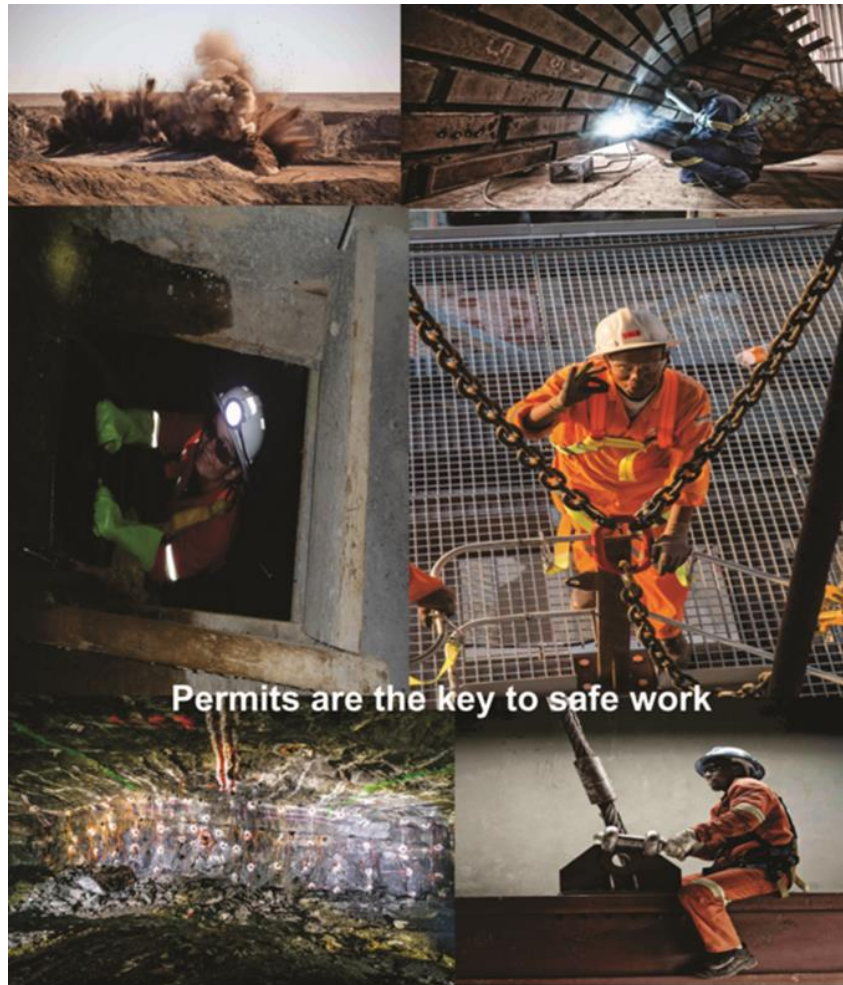
“Machinery and Equipment is the Heart of our business”

Some examples of Tasks /Activities under Mobile and Fixed Equipment:

- Reversing to Load, Tip and Park
- Surface Excavations, Loading and Hauling Activities
- Dozer and Grader Operations
- Excavation of Vertical or Inclined tunnels Underground
- Winder and Headgear Assembly and Operations
- Servicing and Maintenance of Heavy Earthmoving Equipment
- Operating in close proximity of High/Hanging Walls
- Mounting and Dismounting Machines
- Tramming of Track-Bound Machines
- Bush Clearing
- Shaft Vertical Transport
- Business Travel with Light Driving Vehicle (Off-Site)
- In Pit and On-site Travel with a Light Driving Vehicle
- Transportation of Employees on Surface
- Fixed and Truck-Mounted Crane Operations
- Man and Machine Interface



PERMIT TO WORK



“Permits are the key to safe work”

Most of the tasks under each protocol are interrelated.

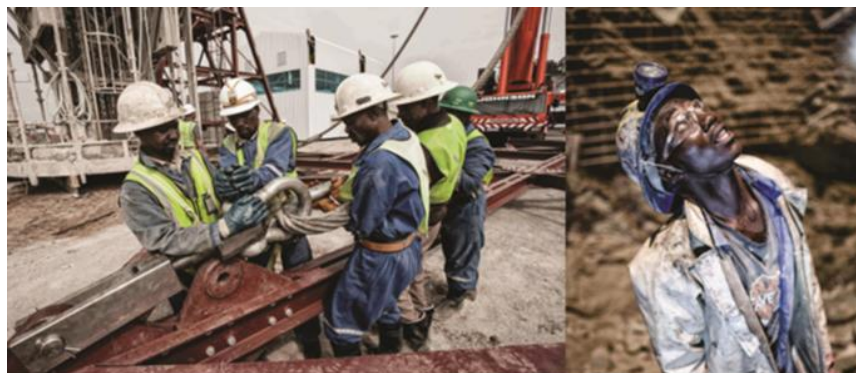
There are several activities/ tasks that fall under a certain FRCP, but will still require a Permit to Work, due to its risk potential or high consequence nature; for example

The Activity, Man and Machine Interface forms part of the Mobile and Fixed Equipment Protocol, but this activity will require a Permit to Work.

Examples of activities that require a Permit To Work

Working at Heights	Confined Space Entry	Hot Work
Blasting Operations	Drilling Operations	Isolation, lock-Out and Tag-Out
Man and Machine Interface	Lifting Operations/ Rigging	Dewatering
Electrical Installations and Supply of Power	Operating in close Proximity of High/ Hanging Walls	Shaft Boring/Mucking
Tyre Care and Maintenance	Working Under Power Lines	Gasses
Shaft Collar Development	Kibble Operations	Rock Bolting and Meshing

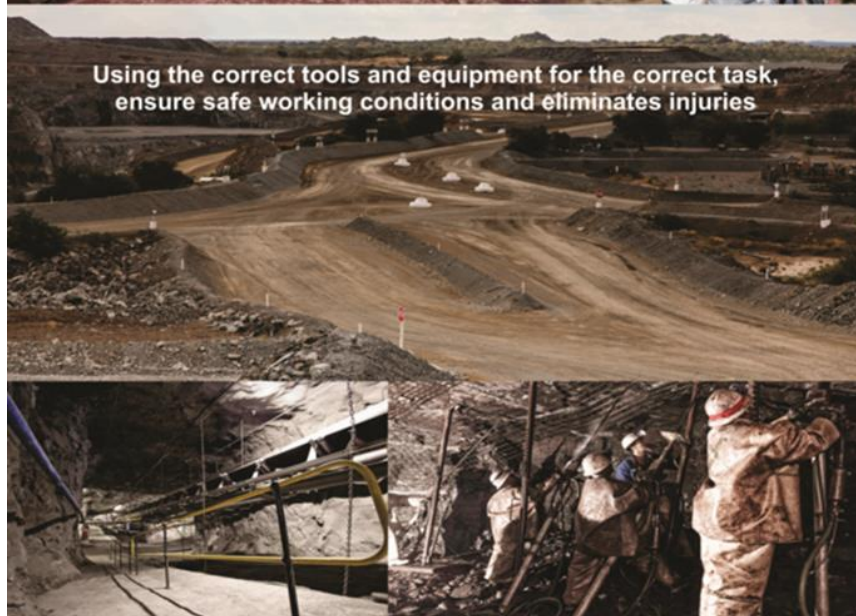
EQUIPMENT / MANUAL HANDLING AND SAFEGUARDING



“Using the correct tools and equipment for the correct task, ensure safe working conditions and eliminates injuries”

Some examples of Tasks /Activities:

- Manual Handling
- Equipment safeguarding
- Rock Bolting and Meshing
- Shaft Lining
- Tyre Care and Maintenance
- Handling of Explosives
- Construction of Safety Berms
- Personal Protective Equipment



Using the correct tools and equipment for the correct task, ensure safe working conditions and eliminates injuries



BEHAVIOURAL FUNDAMENTALS

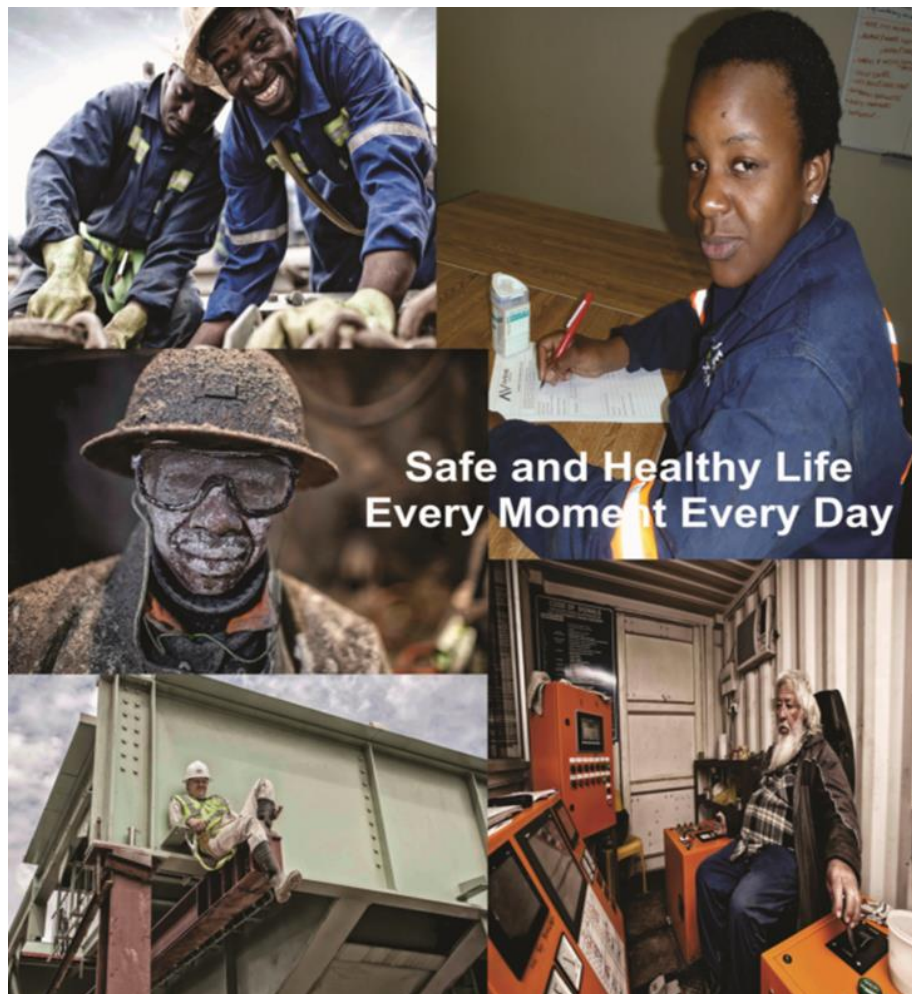


“Positive Actions create and inspire Positive behaviour”

Some examples of where Behavioural Fundamentals will play a vital role on the outcome:

- Unsafe Acts (Poor Risk Perception)
- Horseplay
- Non-Adherence to Procedure
- Deviation from Standard Practice
- Reporting of Accidents and Incidents
- Non-Adherence to Prohibition notices / Safe work instructions

HEALTH FUNDAMENTALS



**“Safe and Healthy life,
Every Moment Every Day”**

**Some examples of where Health Fundamentals
will play a vital role on Your Wellbeing:**

- Substance Abuse
- Fatigue
- Personal Lifestyle and wellbeing management
- Occupational Illnesses
- Ergonomic Stresses (Vibration)
- Underground Ventilation
- Thermal Stress
- HIV / AIDS

ENVIRONMENTAL FUNDAMENTALS

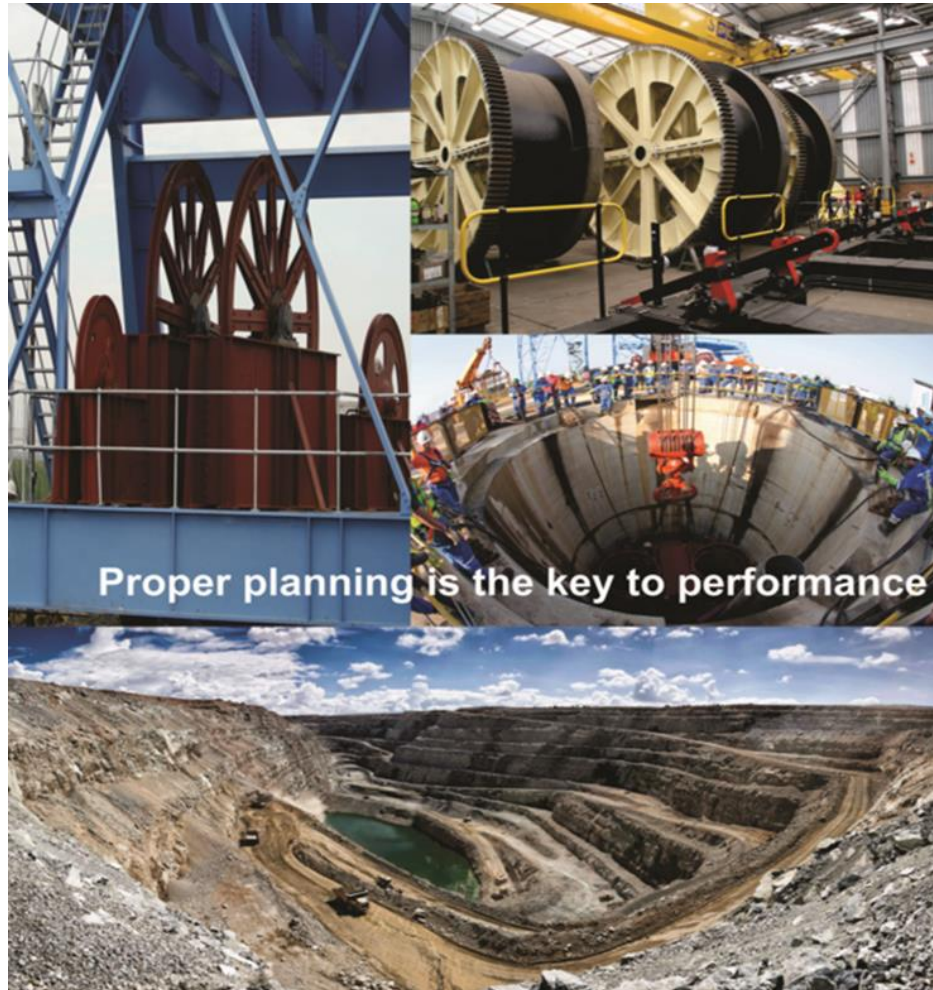


“For a Better Future for You and Me, act responsible and protect the Environment”

Some examples of Tasks /Activities under Environmental Fundamentals:

- Storage of Chemicals, Lubricants and Solvents
- Handling of Chemicals, Lubricants and Solvents
- Replacement of hydraulic and other Components
- Disposal of hazardous Waste
- Disposal of HME / Worn out Tyres
- CO2 Emissions Generation
- Waste generation / separation / sorting
- Transportation of Dangerous Goods /Hazardous Substances
- Fire
- Energy / Electricity Usage
- Water Usage, runoff and Spilling
- Biological Hazards

BUSINESS CONTINUITY



“Proper Planning is the Key to Performance”

Some examples of what affects Business Continuity:

- Emergency Evacuation
- Contingency Planning
- Process Engineering
- Reliability of Equipment
- Efficiency of Mining Processes
- Quality Evaluation and Assessment
- Non-Conforming Products
- Audits (Internal and External Compliance)
- 5 S's Housekeeping Rule