

2025/05/05

BritelinkMCT
Unit 11B Growthpoint Business park

Method Statement

Excavation and Trenching

G59P61_Stormill_Winze St F35 Pipeline

1. **Hand Excavation** - The labour force shall be made aware of the tools that are used. This includes picks and handles, spades, shovels, crowbars etc. which will be addressed at the induction demonstration. The excavation supervisor shall clearly mark out task areas for labour and ensure that there is a safe working distance between labours. Cable locator to be used to identify existing services to excavate within specification.
2. **Depth of Excavation** - An investigation of the existing conditions shall be done prior to any excavation deeper than 1m being carried out. This includes identifying possible standing of water, wet spots, existing sewer pits etc. Upon excavation of a trail section, an excavation register shall be filled in. Depending on the material type, the trench may either be battered back or shored, or a combination of methods adopted. These activities shall be done in accordance with the regulations of the Occupational Health and Safety Act and Rand Water pipeline protection Standards
3. **Personal Protective Equipment issued for Excavations – Safety Boots**: It is important that labour do not use sandals or soft shoes to work. This is a potential hazard which may lead to injury. At the safety induction the type of safety boot is demonstrated which is applicable for use. **Protective Gloves**: In some case

scenarios it may be necessary for company to issue gloves to employees, so they do not hurt their fingers when removing rocks and other materials form the trenches. Safety Goggles/ Glasses: Goggles or glasses shall also be issued to employees depending on the existing soil conditions. This shall protect their eyes from splinters of rock or intermediate material.

Other protective clothing or equipment shall be made available should it be necessary of the safety of the employee.

4. **Correct Equipment and Tools Used for Excavations** - During the induction of the employee, the tools for construction shall be discussed. The manner of inspection shall also be demonstrated so each employee understands when a tool is deemed unsafe or not applicable for use
5. **Registers to be completed and adhered to for Excavations**- At the onset all safety appointments shall be made for the purpose of site control. All appointments are explained in detail to the relevant employees, so they fully understand their area of responsibility

RAND WATER SERVITUDE LOCATION

Legend – RED : New proposed fibre cable

Blue : Rand Water pipeline

