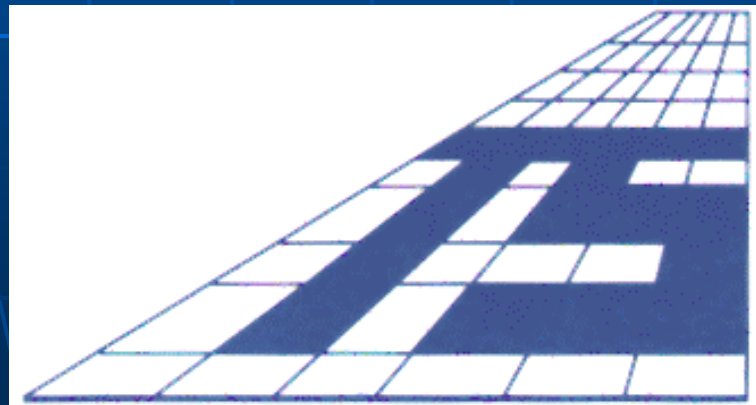


TERRA SEARCH - Workshop Induction



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How to use this presentation

- This presentation will run for about 30 min.
- Take your time and pay attention.
- If you do not understand certain information or you would like to have more information **please refer to the Safety Manual or ask the Field Manager.**
- After the presentation you will complete a written test to demonstrate that you do understand all aspects of Terra Search's Workshop Safety Induction.



Workshop Induction

General Safety Rules:

Each item of equipment has its own characteristics and presents specific hazards that you must know before you can operate it. Do not operate a power tool, machinery or hand tool unless you have received instruction from your supervisor on how to use it safely.

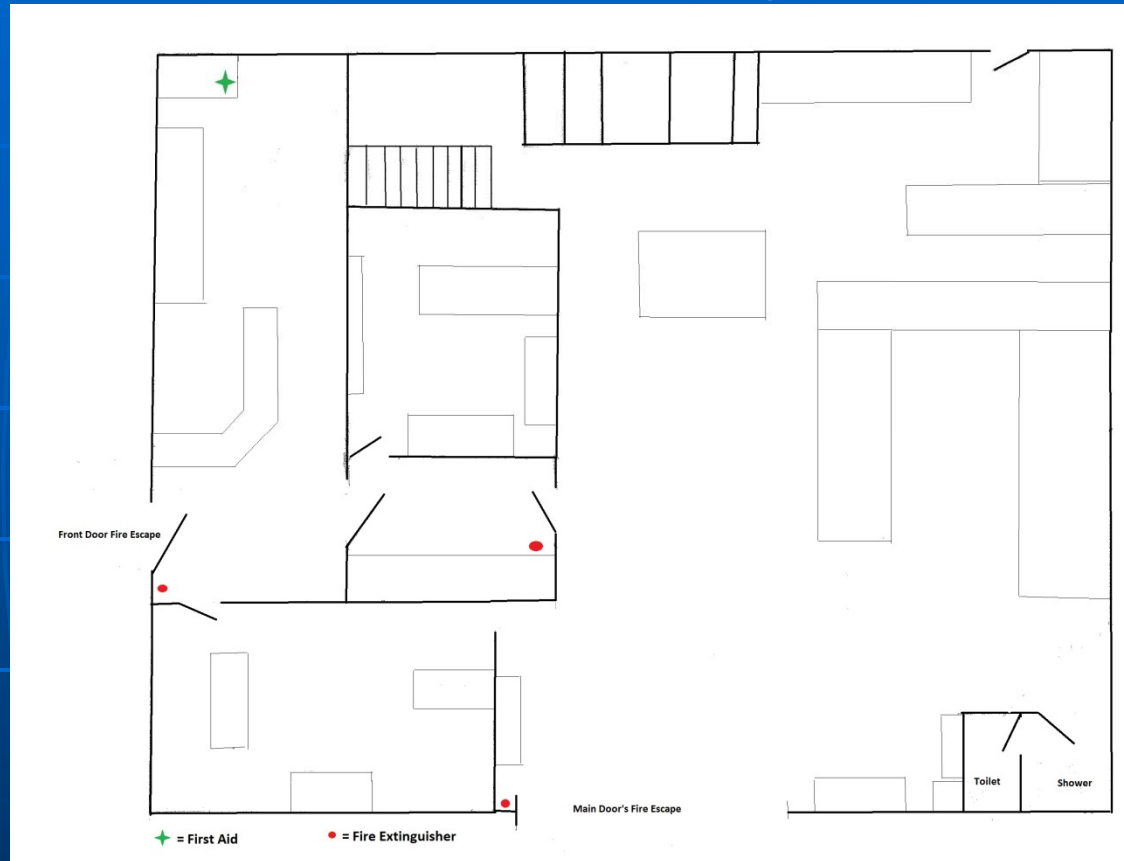
- Before the equipment is started, inspect the condition of the machine and proper setting of the guards, locate the emergency stop button, check the state of the electrical cord, make sure the danger zone is not accessible, verify that the machine is stable and it will not move or tilt over when in operation.
- Make sure the work station is clean and that the working environment will remain safe and free of dust or other emissions after the machine is in operation.
- Put on the appropriate personnel protective equipment (PPE) before the equipment is started.
- Advise the workshop supervisor before starting the work if you are to use a machine in a work room where you are alone.
- Advise the workshop supervisor immediately if a machine is defective or if a safety device is missing or damaged; DO NOT operate the machine.
- Use the appropriate machine for the work to be done.
- Verify that adjustable guards are attached and positioned properly before starting the machine. Clean up the work station and the machine after the work is completed. When a machine or work station is to be cleaned with compressed air, the compressed air pressure must be set at a pressure that is lower than 200 kPa (29 psi).
- Locate the nearest first aid kit, eye wash station, safety shower, emergency exit route and be aware of the emergency phone number.



1. Workshop Expectations

- Clothing; Appropriate clothing must be worn when working in the shed.
- PPE; appropriate PPE for each task must be worn. Safety glasses for pressure washing, steel boots for all work and gloves when needed.
- Smoking is only permitted outside the building.
- No alcohol or drugs are allowed whilst working.

2. Shed Layout



- Muster point is located on Carlisle Reserve, opposite the office.
- Beware the ladder to the storage area on top of the toilet shower, its is quite steep.

3. Pressure Washer/Compressor

- These units can eject water at pressures in excess of 1500 Psi. Your Car tyre typically has 35 Psi.
- Never point at another person
- Do not try to wash your hands with one. They can cut your skin with ease.
- Keep away from skin, high pressure injection injuries are not fun!
- Finally use pressure washer at a 10-15cm from object and angle to 45 degrees to avoid paint removal.
- Compressed air is potentially dangerous. If air is forced into the blood stream it can cause a bubble (embolism) in a potentially fatal place (heart!).
- Never point compressed air at a body part.
- Drain water from the compressor tank after use



4. Work Place Tidiness

- More common hazards around the workshop will be slips trips and falls
- Please reduce the chance of these injuries by keeping the work area tidy
- Clean and place tools back where they came from.

5. Manual Handling

- Assess whether the item to be lifted is well within your Limits, avoid lifting heavy items. If you must obtain help and follow the below guidelines;

FOUR KEY POINTERS OF SAFE MANUAL HANDLING

- Maintain a natural posture whenever possible during manual handling, keeping your 'spine in line'.
- Always create a good, stable base, by widening your stance within comfortable limits; placing one foot in front of the other, about shoulder width apart. With your knees slightly bent.
- Keep any load, or point of force, as close to your vertical centre of gravity as possible.
- Use the large leg and buttock muscles to provide the power during manual handling techniques/manoeuvre.

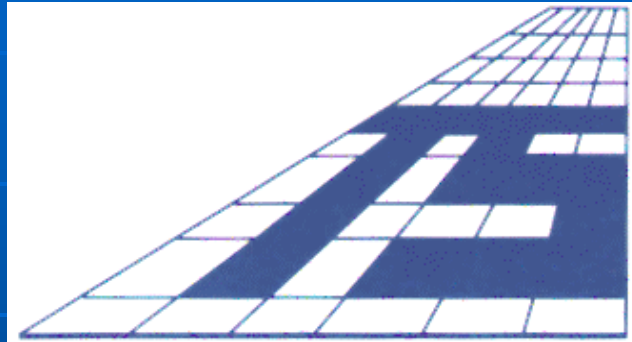


6. Power Tools

- Power tools includes drills, grinders, welding equipment, saws and any tool that is powered
- These must be treated with care, and only used by experienced personnel or after instruction from a supervisor
- Make sure cords are out of the way and in good condition
- Use the appropriate PPE for the tool
- Angle grinders require eye, ear and hand protection
- Make sure a fire extinguisher is near to hand
- Safety guards must be in place
- Never pull the cord, always handle the plug or the tool
- If there is a breakage, report to supervisor



End of Presentation



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Specialists in Mineral Exploration,
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