

SAFE WORK INSTRUCTION

BATTLEBOT, HEAVY SPINNER

PERSONAL PROTECTIVE EQUIPMENT



Safety glasses must be worn at all times.



Safety footwear must be worn.



Rings and jewellery must not be worn.

POTENTIAL RISKS

- ❗ Fatal/severe injury from spinning robot
- ❗ Fatal/severe injury from projectiles and fragments
- ❗ Hair/clothing getting caught in moving parts.
- ❗ Sharp edges and burrs.
- ❗ Eye injuries.
- ❗ Hot metal.
- ❗ Sparks and fire.
- ❗ Noise.
- ❗ Back strains and sprains

DON'Ts

- ✗ Do not use the battlebot if safety is compromised by damage.
- ✗ Do not allow untrained people to use the battlebot.
- ✗ Do not apply power until people are behind the safety barrier.
- ✗ Do not arm the controls until the operator is behind the safety barrier.

PRE-OPERATIONAL SAFETY CHECKS

- ✓ Locate and ensure you are familiar with operations and controls.
- ✓ Ensure that the battlebot is serviceable for the operation being conducted.
- ✓ Check workspaces and barriers to ensure that hazards are minimised, and that the battlebot will be retained in the arena
- ✓ Ensure control systems are operational, and that all batteries have sufficient charge for the intended operation.
- ✓ Ensure the emergency cut-off switch is working correctly.
- ✓ Ensure all protective transit/handling guards are removed before powering up the battlebot.
- ✓ Ensure the shell/chassis lock is removed.
- ✓ Ensure all personnel are behind protective barriers and/or are at a safe distance

OPERATIONAL SAFETY CHECKS

- ✓ Comply with all battlebot combat rules and regulations.
- ✓ Ensure a safety person observes fragments and sparks being produced during testing and combat.

ENDING OPERATIONS AND CLEANING UP

- ✓ Switch off the battlebot when activity completed.
- ✓ Ensure controls are made safe.
- ✓ Ensure all battlebots are stationary and deactivated before entering arena.
- ✓ Turn off the battlebot master power switch.
- ✓ Ensure protective gloves are used when collecting debris and handling a damaged battlebot.
- ✓ Ensure all protective transit/handling guards are fitted, secure and functional.

This Safe Work Instruction does not necessarily cover all possible hazards associated with this equipment and should be used in conjunction with other references. It is designed as a guide to be used to compliment training and as a reminder to users prior to equipment use

