

EQUIPMENT SANITIZATION SOP: THE PURITY PROTOCOL

WHEELABLE WILDERNESS, INC.

ARTICLE I – PURPOSE

Section 1. Core Mission

To ensure absolute peace of mind for guests with high health sensitivities, including veterans and children with complex medical needs.

Section 2. Standard of Care

We move beyond commercial standards to implement medical-grade hygiene as a core component of outdoor inclusion.

Section 3. Operational Consistency

To establish a structured and consistent cleaning process for all equipment used in Wheelable Wilderness programs, ensuring safety, hygiene, and accessibility for all participants.

ARTICLE II – SCOPE

Section 1. Applicability

This SOP applies to all Wheelable Wilderness staff, volunteers, and cleaning personnel responsible for maintaining equipment hygiene.

Section 2. Equipment Coverage

This protocol covers the Omega Fleet, Adaptive Arsenal, wheelchairs, adaptive bikes, hiking supports, and all other assistive gear.

ARTICLE III – CLEANING PRODUCTS AND SUPPLIES

Section 1. Disinfectants

Utilize EPA-approved, hospital-grade botanical disinfectants that are 99.9% effective against pathogens while remaining non-toxic to skin and gear materials.

Section 2. Specialized Supplies

- Eco-friendly, non-toxic wipes and 70%+ alcohol-based sprays for quick sanitization.

- Proprietary antimicrobial solutions for treating nylon harnesses and pressure-relief cushions to inhibit bacterial moisture buildup.
- Mild soap and water solutions for general fabric components.

Section 3. Tools

Disposable gloves, microfiber cleaning cloths, and UV-C light wands for electronic components.

ARTICLE IV – MEDICAL-GRADE SANITIZATION PROCEDURES

Step 1: Pre-Cleaning & Inspection:

- The Soil-Shield Wash: Before entering the sterile Hangar environment, all Trackchairs must receive a high-pressure wash to remove organic debris and allergens.
- Manually remove dirt or mud using a damp cloth or soft brush and inspect for damage.

Step 2: Multi-Stage Disinfection:

- Apply appropriate cleaning solutions to all surfaces, ensuring required contact time.
- Detail all biometric touchpoints, including handles, rims, seat belts, armrests, lateral supports, navigation beacons, and grips.
- Apply UV-C light treatment to high-touch crevices such as joysticks, buttons, and electronics where liquid cleaners cannot penetrate.

Step 3: Final Wipe, Calibration, & Air Dry:

- Use a clean, dry cloth to remove excess disinfectant and ensure a zero-residue guarantee for guests with chemical sensitivities.
- Perform personalized calibration during guest fittings, including a final hygiene inspection and biometric support adjustments.
- Allow equipment to air dry completely before reuse

ARTICLE V – STORAGE AND FIELD INFRASTRUCTURE

Section 1. The Hangar Hub

All gear must be stored in climate-controlled "Hangar Hubs" to eliminate mold, mildew, and moisture-related bacterial growth.

Section 2. Solar Oases Waystations

Sanitization extends into the wilderness through trail pavilions maintaining touchless

hand-sanitization stations.

ARTICLE VI – CLEANING FREQUENCY

Section 1. Post-Exploration

After every single use, high-touch equipment must undergo the full multi-stage disinfection process.

Section 2. Facility Care

Storage bins, spare parts, and low-touch items are cleaned daily.

Section 3. Deep Cleaning

Weekly deep cleaning and full sanitization of all equipment is mandatory.

ARTICLE VII – DOCUMENTATION, VERIFICATION, AND COMPLIANCE

Section 1. Sanitization Log

Maintain a log for each session including date, time, equipment ID, products used, and staff initials.

Section 2. Dual-Verification

No equipment leaves the Hangar Hub without the dual-verification of the lead Safety Steward.

Section 3. Purity Certification

Every piece of equipment must be tagged with a "Purity Certified" seal after the SOP is completed.

Section 4. Audits

Conduct weekly audits and store records for at least 90 days for accountability.

ARTICLE VIII – SAFETY MEASURES

Section 1. Personnel Safety

Wear disposable gloves, ensure proper ventilation, and avoid mixing different cleaning agents.

Section 2. Incident Reporting

Report any adverse reactions to cleaning agents or equipment damage immediately.

ARTICLE IX – TRAINING AND REVIEW

Section 1. Requirement

All staff and volunteers must undergo sanitization training before handling gear.

Section 2. Continuous Education

Annual refresher training sessions will be conducted.

Adopted by the Board of Directors of Wheelable Wilderness, Inc. on _____.

Signatures:

Founder/Executive Director: _____

Secretary: _____

Date: _____