

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

- **Section 1. 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.

- **Section 2. 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.

- **Section 3. 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.

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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.