

ENVIRONMENTAL COMPLIANCE AND SAFETY STANDARDS

DeepShield Systems, Inc.

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1. PURPOSE AND SCOPE

1. This Environmental Compliance and Safety Standards document ("Standards") establishes the environmental, health, and safety requirements for DeepShield Systems, Inc. ("Company") in connection with its development, deployment, and maintenance of industrial control system (ICS) security solutions and critical infrastructure protection systems.

2. These Standards apply to all Company facilities, employees, contractors, and operations, including but not limited to:

- (a) Corporate headquarters and research facilities
- (b) Remote deployment sites
- (c) Client-side installations
- (d) Testing environments
- (e) Data centers and backup facilities

2. REGULATORY COMPLIANCE

1. The Company shall maintain compliance with all applicable environmental and safety regulations, including:

- (a) Environmental Protection Agency (EPA) regulations
- (b) Occupational Safety and Health Administration (OSHA) standards
- (c) State and local environmental protection requirements
- (d) Industry-specific standards for critical infrastructure protection
- (e) Maritime safety regulations where applicable to subsea operations

2. The Company shall maintain current permits, licenses, and certifications required for its operations, including:

- (a) Environmental operating permits

- (b) Hazardous materials handling certifications
- (c) Safety compliance certifications
- (d) Waste disposal permits
- (e) Equipment operation certifications

3. ENVIRONMENTAL MANAGEMENT SYSTEM

1. The Company shall maintain an ISO 14001:2015 compliant Environmental Management System (EMS) that includes:

- (a) Environmental impact assessment procedures
- (b) Waste reduction and recycling programs
- (c) Energy efficiency initiatives
- (d) Environmental performance monitoring
- (e) Continuous improvement protocols

2. Annual environmental audits shall be conducted by qualified third-party assessors to verify compliance with these Standards and applicable regulations.

4. WORKPLACE SAFETY PROTOCOLS

1. The Company shall implement and maintain comprehensive workplace safety protocols including:

- (a) Regular safety training programs
- (b) Personal protective equipment requirements
- (c) Emergency response procedures
- (d) Accident reporting and investigation protocols
- (e) Safety committee oversight

2. Specific safety protocols shall be maintained for:

- (a) Laboratory operations
- (b) Field deployments
- (c) Client site installations
- (d) Hardware testing procedures
- (e) Remote monitoring operations

5. HAZARDOUS MATERIALS MANAGEMENT

1. The Company shall maintain strict protocols for handling, storing, and disposing of hazardous materials, including:

- (a) Electronic components and circuit boards
- (b) Battery systems
- (c) Chemical cleaning agents
- (d) Testing materials
- (e) Waste products

2. Documentation requirements include:

- (a) Material Safety Data Sheets (MSDS)
- (b) Hazardous material inventory logs
- (c) Disposal manifests
- (d) Training records
- (e) Incident reports

6. INCIDENT REPORTING AND RESPONSE

1. All environmental and safety incidents shall be reported according to the following timeline:

- (a) Immediate notification to supervisor
- (b) 24-hour notification to EHS Director
- (c) 48-hour preliminary incident report
- (d) 7-day comprehensive investigation report
- (e) 30-day corrective action plan

2. The Company shall maintain an Incident Response Team consisting of:

- (a) Environmental Health & Safety Director
- (b) Facility Manager
- (c) Department Supervisor
- (d) Safety Committee Representative
- (e) Legal Representative

7. COMPLIANCE MONITORING AND ENFORCEMENT

1. The Company's Environmental Health & Safety Committee shall:

- (a) Meet quarterly to review compliance status
- (b) Conduct monthly facility inspections
- (c) Review incident reports and corrective actions
- (d) Update procedures as needed
- (e) Report directly to executive management

2. Non-compliance consequences may include:

- (a) Disciplinary action
- (b) Mandatory retraining
- (c) Operations suspension
- (d) Contract termination
- (e) Legal action

8. DOCUMENT CONTROL

1. This document shall be:

- (a) Reviewed annually
- (b) Updated as required by regulatory changes
- (c) Distributed to all affected personnel
- (d) Maintained in the Company's document control system
- (e) Available for regulatory inspection

AUTHORIZATION

IN WITNESS WHEREOF, this Environmental Compliance and Safety Standards document has been approved and adopted by the authorized representatives of DeepShield Systems, Inc.

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Dr. Marcus Chen

Chief Executive Officer

Date: December 15, 2023

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James Morrison

VP of Engineering

Date: December 15, 2023

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Robert Kessler

Chief Financial Officer

Date: December 15, 2023