

CFATS CHEMICAL FACILITY SECURITY STANDARDS

COMPLIANCE CERTIFICATION

EFFECTIVE DATE: January 11, 2024

DOCUMENT NUMBER: CFATS-2024-001

ISSUED BY: DeepShield Systems, Inc.

FACILITY ADDRESS: 2300 Cyber Drive, Dover, Delaware 19901

1. PURPOSE AND SCOPE

1. This document certifies DeepShield Systems, Inc.'s ("Company") compliance with the Chemical Facility Anti-Terrorism Standards (CFATS) program administered by the Cybersecurity and Infrastructure Security Agency (CISA) pursuant to 6 CFR Part 27.
2. This certification covers all Company facilities and operations involving chemicals of interest (COI) as defined in Appendix A to 6 CFR Part 27.

2. FACILITY CLASSIFICATION AND REGISTRATION

1. The Company maintains the following CFATS registration status:
 - Facility Registration Number: FR-2024-DE-0157
 - Risk-Based Performance Standards (RBPS) Tier: Tier 3
 - Date of Last Security Vulnerability Assessment: November 15, 2023
 - Site Security Plan Approval Date: December 1, 2023
2. The Company has completed all required Top-Screen submissions through the Chemical Security Assessment Tool (CSAT 2.0) for the following COI:
 - a) Hydrogen peroxide (>35%) - Used in testing environments
 - b) Sulfuric acid - Used in limited quantities for calibration
 - c) Sodium cyanide - Used in trace amounts for sensor validation

3. SECURITY MEASURES AND CONTROLS

1. Physical Security Controls:

- a) Perimeter security with 24/7 armed guard presence
- b) Multi-factor access control systems at all entry points
- c) CCTV surveillance covering 100% of COI storage areas
- d) Hardened chemical storage facilities with redundant locks
- e) Vehicle inspection protocols for all incoming shipments

2. Personnel Security:

- a) Background checks for all employees with COI access
- b) TWIC card requirements for specified personnel
- c) Recurring security training program
- d) Personnel surety program compliant with RBPS 12
- e) Visitor management system with escort requirements

3. Cybersecurity Controls:

- a) Network segmentation for chemical management systems
- b) 24/7 security operations center monitoring
- c) Industrial control system security protocols
- d) Encrypted communications for chemical inventory systems
- e) Regular penetration testing of security systems

4. COMPLIANCE PROCEDURES

1. The Company maintains the following compliance procedures:

- a) Monthly internal audits of security measures
- b) Quarterly review of COI inventory levels
- c) Annual third-party compliance assessments
- d) Regular updates to Site Security Plan
- e) Incident response and reporting protocols
- f) Chain of custody documentation for all COI

2. Designated personnel:

- Facility Security Officer: Robert Martinez

- Alternate FSO: Sarah Chen
- Chemical Safety Officer: Dr. James Wilson
- Security Director: Michael Thompson

5. INCIDENT REPORTING AND RESPONSE

1. The Company maintains 24/7 capability to detect, report, and respond to security incidents involving COI through:

- a) Dedicated incident response team
- b) Direct communication line with local first responders
- c) Automated alert systems for security breaches
- d) Emergency response equipment and materials
- e) Regular drills and exercises

2. All security incidents are reported to CISA within the required timeframes specified in 6 CFR 27.230(a)(15).

6. RECORDKEEPING AND DOCUMENTATION

1. The Company maintains all required records for a minimum of three years, including:

- a) Security training records
- b) Visitor logs and access records
- c) Maintenance records for security equipment
- d) Incident reports and investigation results
- e) Audit findings and corrective actions
- f) COI inventory records

7. CERTIFICATION AND ATTESTATION

The undersigned hereby certifies that:

All information contained in this document is true and accurate

The Company maintains full compliance with all applicable CFATS requirements

Any material changes to security measures or COI holdings will be promptly reported to CISA

IN WITNESS WHEREOF, this certification has been executed by a duly authorized representative of the Company.

DEEPSHIELD SYSTEMS, INC.

By:

Name: Dr. Marcus Chen

Title: Chief Executive Officer

Date: January 11, 2024

WITNESS:

By:

Name: Robert Kessler

Title: Chief Financial Officer

Date: January 11, 2024