

CRYOGENICS LABORATORY ACCESS PROTOCOL

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Polar Dynamics Robotics, Inc.

Effective Date: January 15, 2024

Document ID: LAB-CRYO-2024-001

Version: 2.0

1. PURPOSE AND SCOPE

1. This Cryogenics Laboratory Access Protocol ("Protocol") establishes

2. This Protocol applies to all employees, contractors, visitors, and this

2. DEFINITIONS

1. "Authorized Personnel" means individuals who have completed required
2. "Cryogenic Environment" means any controlled testing area maintained
3. "Safety Systems" includes all emergency shutdown mechanisms, v

3. ACCESS AUTHORIZATION

1. Laboratory access shall be restricted to Authorized Personnel who
 - a) Completed the Company's Cryogenic Safety Certification Program;
 - b) Passed the written and practical safety examinations;

- c) Obtained current medical clearance for extreme-temperature work
- d) Received specific authorization for the testing zone classification level

2. Access levels shall be designated as follows:

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Level 1: Observation Only (supervised access)

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Level 2: General Testing Operations

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Level 3: Advanced Testing and Emergency Response

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Level 4: Facility Management and Protocol Override

4. ENTRY PROCEDURES

1. All personnel must:

- a) Sign in electronically using their authorized security credentials;
- b) Don appropriate personal protective equipment as specified for the level;
- c) Verify functionality of their personal emergency beacon;
- d) Check current laboratory conditions via the monitoring system;
- e) Confirm presence of a Safety Buddy when required by testing protocols.

2. No personnel shall enter the Facility without completing the pre-entry checklist.

5. SAFETY PROTOCOLS

1. Emergency Procedures

- a) All personnel must maintain radio contact with the Control Room;

- b) Emergency exits must remain unobstructed at all times;
- c) Oxygen level monitors must be verified operational before entry;
- d) Personal emergency beacons must be worn and activated.

2. Testing Restrictions

- a) No testing shall commence without written authorization;
- b) Maximum occupancy limits must be strictly observed;
- c) All testing must follow approved experimental protocols;
- d) Real-time data logging is mandatory for all operations.

6. EQUIPMENT AND MATERIALS

- 1. All equipment entering the Facility must be:
 - a) Rated for cryogenic environments;

- b) Properly labeled and logged in the inventory system;
- c) Inspected for damage before each use;
- d) Maintained according to manufacturer specifications.

2. Personal protective equipment requirements include:

- a) Cryogenic-rated protective suits;
- b) Double-layer insulated gloves;
- c) Face shields with anti-fog coating;
- d) Emergency oxygen supply systems.

7. COMPLIANCE AND ENFORCEMENT

1. Violation of this Protocol may result in:

- a) Immediate revocation of access privileges;

- b) Disciplinary action up to and including termination;
- c) Legal liability for resulting damages or injuries.

2. The Company reserves the right to modify this Protocol at any time

8. DOCUMENTATION AND RECORDS

1. The following records shall be maintained for a minimum of five (5)
 - a) Access logs and authorization records;
 - b) Training certifications and medical clearances;
 - c) Incident reports and corrective actions;
 - d) Equipment maintenance and calibration records.

9. APPROVAL AND IMPLEMENTATION

This Protocol has been reviewed and approved by the Company's Executive Leadership Team and Legal Department.

APPROVED BY:

Dr. James Barrett

Chief Robotics Officer

Date: __

Sarah Nordstrom

Chief Operating Officer

Date: __

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Victoria Wells

Chief Financial Officer

Date: _

10. REVISION HISTORY

Version 2.0 - January 15, 2024

Version 1.1 - June 30, 2023

Version 1.0 - March 1, 2023

