

COLD STORAGE FACILITY LICENSE DOCUMENTATION

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License No.: CSF-2023-0472

Effective Date: January 1, 2024

1. FACILITY INFORMATION

1. Licensee: Polar Dynamics Robotics, Inc.

Delaware Corporation

Registration No.: DE 6829047

Principal Place of Business:

4200 Arctic Way, Suite 300

Rochester, NY 14623

2. Licensed Facility:

Polar Dynamics Testing & Development Center

8750 Coldstream Industrial Park

Rochester, NY 14624

Total Square Footage: 45,000 sq ft

Temperature-Controlled Area: 38,500 sq ft

2. LICENSE CLASSIFICATION

1. Primary Classification: Class A Cold Storage Research & Development

2. Secondary Classifications:

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Automated Systems Testing Facility

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Industrial Robotics Development Center

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Temperature-Controlled Technology Validation Center

3. AUTHORIZED ACTIVITIES

1. The Licensee is authorized to conduct the following activities:

- a) Development and testing of autonomous mobile robots in controlled environments ranging from ambient to -40 F (-40 C)
- b) Operation of BlueCore(TM) technology testing chambers
- c) Validation of cold-resistant navigation systems

d) Environmental stress testing of robotic components

e) Simulation of industrial freezer conditions

f) Cold chain logistics process modeling

g) Battery and power system performance testing in extreme conditions

4. OPERATIONAL REQUIREMENTS

1. Temperature Monitoring and Control

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Continuous monitoring of all temperature-controlled zones

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Maintenance of electronic temperature logs

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Monthly calibration of temperature monitoring systems

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Backup power systems for critical cooling infrastructure

2. Safety Systems

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Emergency shutdown protocols for automated systems

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Redundant safety interlocks on all testing chambers

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Personnel protective equipment stations

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Emergency evacuation routes and procedures

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Automated fire suppression systems rated for sub-zero environments

3. Personnel Requirements

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Minimum of two certified operators present during testing

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Annual safety training for all personnel

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Quarterly emergency response drills

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Current OSHA compliance certification

5. COMPLIANCE OBLIGATIONS

1. Regulatory Standards

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ANSI/RIA R15.06-2012 Industrial Robot Safety

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ASHRAE Standard 110-2016

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FDA 21 CFR Part 11 (where applicable)

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ISO/TS 15066:2016 Robotics Safety Standards

2. Reporting Requirements

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Monthly safety inspection reports

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Quarterly compliance audits

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Annual facility certification

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Incident reporting within 24 hours

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Environmental impact assessments

6. INSURANCE REQUIREMENTS

1. Required Coverage

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General Liability: \$5,000,000 per occurrence

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Property Insurance: Full replacement value

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Workers' Compensation: As required by state law

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Professional Liability: \$2,000,000

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Environmental Liability: \$3,000,000

7. TERM AND RENEWAL

1. Initial Term: January 1, 2024 - December 31, 2024
2. Renewal: Annual renewal subject to compliance review
3. Renewal Application Deadline: 60 days prior to expiration

8. CERTIFICATION

The undersigned hereby certifies that Polar Dynamics Robotics, Inc. is in compliance with all applicable regulations and standards for the operation of a Class A Cold Storage Research & Development Facility.

EXECUTED this 15th day of December, 2023

FOR POLAR DYNAMICS ROBOTICS, INC.:

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Dr. Elena Frost, Ph.D.

Chief Executive Officer

—

Sarah Nordstrom

Chief Operating Officer

APPROVED BY:

—

Robert K. Thompson

Director, Industrial Facility Licensing

New York State Department of Labor

9. ATTACHMENTS

Attachment A: Facility Floor Plan

Attachment B: Safety Systems Documentation

Attachment C: Environmental Impact Assessment

Attachment D: Insurance Certificates

Attachment E: Personnel Certifications

[END OF LICENSE DOCUMENTATION]

