

EMPLOYEE SAFETY TRAINING MANUAL - ROBOTICS

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Polar Dynamics Robotics, Inc.

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1. INTRODUCTION AND SCOPE

1. This Employee Safety Training Manual ("Manual") establishes man

2. This Manual applies to all Company facilities, including manufacturing

2. DEFINITIONS

1. "Authorized Personnel" means employees who have completed all
2. "BlueCore(TM) System" refers to the Company's proprietary cold-e
3. "Safety Zone" means the designated operational area around activ

3. MANDATORY TRAINING REQUIREMENTS

1. Basic Safety Certification

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Initial 8-hour safety orientation

- - 2 -

BlueCore(TM) system fundamentals

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Emergency shutdown procedures

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Cold environment safety protocols

-

Annual recertification required

2. Advanced Operator Certification

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40-hour comprehensive training program

-

Hands-on AMR operation assessment

-

System troubleshooting certification

-

Biennial recertification required

4. OPERATIONAL SAFETY PROTOCOLS

1. Pre-Operation Safety Checks

- a) Visual inspection of AMR chassis and components
- b) Verification of BlueCore(TM) system status
- c) Environmental temperature confirmation
- d) Safety sensor calibration check
- e) Communication system verification

2. Personal Protective Equipment (PPE)

- a) Cold-environment protective gear
- b) Safety-rated footwear
- c) High-visibility clothing
- d) Insulated gloves
- e) Emergency communication device

5. EMERGENCY PROCEDURES

- 1. Emergency Shutdown Sequence
 - a) Initiate immediate stop via wireless controller
 - b) Engage physical emergency stop if accessible
 - c) Clear all personnel from Safety Zone
 - d) Contact shift supervisor
 - e) Document incident in safety log

2. Accident Response Protocol

- a) Secure accident scene
- b) Provide necessary medical attention
- c) Preserve system data logs
- d) Complete incident report
- e) Initiate investigation procedure

6. MAINTENANCE AND INSPECTION

1. Regular Maintenance Schedule

-

Daily operational checks

-

Weekly system diagnostics

- - 6 -

Monthly comprehensive inspection

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Quarterly safety certification review

-

Annual system overhaul

2. Documentation Requirements

-

Maintenance logs

-

Inspection reports

-

Certification records

-

Incident reports

-

Training records

7. COMPLIANCE AND ENFORCEMENT

1. Regulatory Compliance

-

OSHA standards adherence

-

ISO 10218-2:2011 compliance

-

ANSI/RIA R15.06-2012 standards

-

State-specific safety regulations

- - 8 -

Company safety policies

2. Enforcement

-

Progressive disciplinary action for violations

-

Immediate suspension for serious infractions

-

Mandatory retraining after incidents

-

Documentation of violations

-

Regular compliance audits

8. LIABILITY AND ACKNOWLEDGMENT

1. The Company maintains comprehensive insurance coverage for All
2. All employees must acknowledge receipt and understanding of this

9. UPDATES AND REVISIONS

1. This Manual is subject to periodic updates based on:

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Regulatory changes

-

Technology advances

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Incident learnings

- - 10 -

Best practice evolution

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Safety committee recommendations

10. CERTIFICATION

The undersigned hereby certifies that they have read, understood, and
comply with all provisions of this Manual.

Employee Name: _

Employee ID: _

Date: _

Signature: _

Authorized By:

Dr. Elena Frost

Chief Executive Officer

Polar Dynamics Robotics, Inc.

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