

PRODUCTION FLOOR SAFETY GUIDELINES

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NaviFloor Robotics, Inc.

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1. PURPOSE AND SCOPE

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1. These Production Floor Safety Guidelines ("Guidelines") establish manda

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2. These Guidelines apply to all Company facilities where AMR production,

2. DEFINITIONS

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1. "Restricted Areas" means designated zones where AMR testing or auton

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2. "Safety Personnel" refers to designated employees responsible for monitor

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3. "PPE" means Personal Protective Equipment as defined in OSHA regulati

3. GENERAL SAFETY REQUIREMENTS

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1. Required Personal Protective Equipment

- a) Safety glasses with side shields meeting ANSI Z87.1 standards
- b) Steel-toed safety shoes meeting ASTM F2413-18 requirements
- c) High-visibility vests meeting ANSI/ISEA 107-2020 Class 2 standards
- d) ESD-compliant wrist straps when handling electronic components

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2. Access Control

- a) All personnel must scan authorized ID badges at designated entry points
- b) Visitors must be accompanied by authorized Company personnel at all times
- c) Restricted Areas require additional authorization and safety briefing

4. AMR TESTING ZONE PROTOCOLS

- - 3 -

1. Pre-Entry Requirements

- a) Completion of AMR safety training (Course Code: SAF-201)
- b) Visual confirmation of AMR status indicators
- c) Radio communication check with Safety Personnel

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2. Emergency Procedures

- a) Location of emergency stop buttons must be identified before entry
- b) Minimum 2-person buddy system required in active testing zones
- c) Emergency evacuation routes must remain clear at all times

5. SPECIFIC OPERATIONAL SAFETY MEASURES

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1. LiDAR and Sensor Testing Areas

- a) Eye protection rated for Class 1 laser exposure required
- b) No reflective materials or surfaces permitted
- c) Designated walking paths must be strictly observed

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2. Robot Assembly Areas

- a) Maximum lifting weight without mechanical assistance: 35 pounds
- b) Required use of anti-static mats and grounding equipment
- c) Proper lockout/tagout procedures for all powered equipment

6. INCIDENT REPORTING AND DOCUMENTATION

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1. All safety incidents, including near-misses, must be reported within 24 hours

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2. Monthly safety audits shall be conducted and documented using the Comp

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3. Quarterly review of incident reports and implementation of corrective acti

7. COMPLIANCE AND ENFORCEMENT

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1. Violation of these Guidelines may result in disciplinary action up to and in

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2. Safety Personnel have authority to immediately stop any operation deemed

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3. Annual safety certification required for all production floor personnel

8. AMENDMENTS AND UPDATES

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1. These Guidelines shall be reviewed annually and updated as necessary

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2. Updates will be communicated through the Company's standard notification

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3. Emergency amendments may be implemented immediately by the Safety Manager

9. ACKNOWLEDGMENT

I acknowledge that I have read and understand these Guidelines and agree to comply with all safety requirements contained herein.

Name: - 7 -

Employee ID:

Date:

Signature:

10. APPROVAL

APPROVED BY:

Richard Torres

Chief Operating Officer

NaviFloor Robotics, Inc.

Elena Kovacs, Ph.D.

Chief Research Officer

NaviFloor Robotics, Inc.

Date: January 15, 2024

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