

# PRODUCTION FLOOR EMERGENCY RESPONSE PLAN

## PRODUCTION FLOOR EMERGENCY RESPO

NaviFloor Robotics, Inc.

*Effective Date: January 15, 2024*

*Document ID: ERP-2024-001*

### 1. PURPOSE AND SCOPE

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1. This Production Floor Emergency Response Plan ("Plan") establishes proc

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2. This Plan applies to all Company facilities, employees, contractors, and visitors.

## **2. DEFINITIONS**

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1. "Emergency Situation" means any unplanned event that poses immediate risk to the health, safety, or environment of the Company, its employees, contractors, or visitors.

a) Fire or explosion

b) Chemical spills or releases

c) Natural disasters

d) Medical emergencies

e) AMR system malfunctions affecting facility safety

f) Power failures affecting AMR operations

g) Unauthorized access to restricted areas

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2. "Emergency Response Team" ("ERT") means designated personnel trained

### **3. EMERGENCY RESPONSE PROCEDURES**

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1. **\*\*Immediate Response Protocol\*\***

a) Activate facility-wide emergency alert system via nearest emergency station

b) Execute AMR Emergency Stop Protocol through central control system

c) Contact Emergency Response Team Leader

d) Evacuate non-essential personnel following designated routes

e) Secure hazardous materials and sensitive equipment if safe to do so

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2. **\*\*AMR-Specific Safety Measures\*\***

- a) Initiate System-Wide Pause (SWP) command through Fleet Management
- b) Engage mechanical safety locks on all stationary AMRs
- c) Direct AMRs to designated safe zones using Emergency Override Protocol
- d) Disable autonomous navigation capabilities if compromised

## 4. ROLES AND RESPONSIBILITIES

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1. **\*\*Emergency Response Team Leader\*\***

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Coordinate emergency response activities

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Communicate with external emergency services

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Authorize emergency shutdown procedures

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Maintain communication with executive management

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## 2. **\*\*Floor Supervisors\*\***

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Execute immediate response protocols

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Account for all personnel in their assigned areas

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Report status to ERT Leader

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Manage AMR containment procedures

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## 3. **\*\*Technical Response Team\*\***

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Monitor AMR system status during emergencies

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Execute technical shutdown procedures

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Preserve critical data and system logs

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Support recovery operations

## **5. COMMUNICATION PROTOCOLS**

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1. **\*\*Internal Communications\*\***

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Primary: Facility-wide PA system

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Secondary: Emergency radio network

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Tertiary: Mobile phone emergency notification system

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## 2. \*\*External Communications\*\*

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Emergency Services: 911

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Environmental Protection Agency: [CONTACT]

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OSHA Regional Office: [CONTACT]

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Local Fire Department: [CONTACT]

## 6. EVACUATION PROCEDURES

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### 1. \*\*Primary Evacuation Routes\*\*

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Clearly marked pathways maintained free of AMR traffic

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LED-guided evacuation system integrated with AMR navigation grid

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Minimum 6-foot clearance maintained at all times

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### 2. \*\*Assembly Points\*\*

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Location A: North parking lot



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Location B: South employee entrance

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Location C: West loading dock area

## **7. RECOVERY AND REPORTING**

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### **1. \*\*System Recovery\*\***

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Conduct full system diagnostics

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Verify AMR positioning and mapping accuracy

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Reset safety systems and verify functionality

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Document all technical issues and resolutions

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## 2. **\*\*Incident Reporting\*\***

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Complete Emergency Incident Report within 24 hours

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Submit required regulatory notifications

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Update risk assessment and safety protocols as needed

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Conduct post-incident analysis

## **8. TRAINING AND MAINTENANCE**

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1. **\*\*Required Training\*\***

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Quarterly emergency response drills

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Annual certification for ERT members

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Monthly safety system reviews

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New employee orientation

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2. **\*\*Plan Maintenance\*\***

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Annual review and update

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Quarterly equipment inspections

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Monthly communication system tests

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Documentation of all revisions

## **9. LEGAL COMPLIANCE AND LIABILITY**

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1. This Plan complies with OSHA regulations 29 CFR 1910.38 and applicable

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2. Nothing in this Plan shall be construed to create any legal liability beyond

## 10. AUTHORIZATION

This Production Floor Emergency Response Plan is hereby adopted and made effective as of the date first written above.

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**By:** \_

Dr. Sarah Chen

CEO, NaviFloor Robotics, Inc.

**Date:** \_

Approved by Board of Directors

Resolution No. 2024-003

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