

# WAREHOUSE STORAGE LAYOUT AND ORGANIZATION PLAN

## WAREHOUSE STORAGE LAYOUT AND ORG

**NaviFloor Robotics, Inc.**

*Effective Date: January 15, 2024*

*Document Reference: OPS-WSL-2024-001*

### 1. PURPOSE AND SCOPE

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1. This Warehouse Storage Layout and Organization Plan (the "Plan") establ

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2. This Plan applies to all Company warehouse facilities, including but not li

## 2. DEFINITIONS

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1. "AMR Testing Zone" means designated areas within Company facilities s

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2. "Navigation Grid" refers to the proprietary floor marking system used for

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3. "Storage Pods" means modular storage units designed for AMR-compatib

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4. "Restricted Access Areas" means zones containing sensitive technology or

### **3. WAREHOUSE ZONING AND LAYOUT**

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#### **1. Primary Storage Zones**

- a) Zone A: Raw Materials and Components
- b) Zone B: Work-in-Progress Assembly
- c) Zone C: Finished AMR Units
- d) Zone D: Spare Parts and Maintenance Equipment

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#### **2. Technical Areas**

- a) Calibration Laboratory
- b) Software Testing Environment
- c) LiDAR Sensor Alignment Station

d) Battery Charging and Maintenance Station

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### 3. Safety Corridors

a) Minimum corridor width: 12 feet

b) Emergency evacuation routes clearly marked

c) Fire suppression system access points maintained clear

d) AMR traffic lanes designated with proprietary NaviFloor markers

## **4. STORAGE REQUIREMENTS**

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### 1. Component Storage

a) Electronic components stored in ESD-protected environments

b) Temperature-sensitive items maintained at 68-72°F

c) Humidity control systems maintained at 45-55% RH

d) Inventory tracking via RFID-enabled Storage Pods

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## 2. AMR Unit Storage

a) Finished units stored in designated charging bays

b) Minimum 3-foot clearance between units

c) Battery level monitoring systems active

d) Access restricted to authorized personnel

## **5. SAFETY AND COMPLIANCE**

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1. All storage areas shall comply with:

a) OSHA warehouse safety requirements

- b) Local fire codes and regulations
- c) Company's proprietary safety protocols
- d) Insurance carrier requirements

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## 2. Emergency Systems

- a) Fire suppression systems tested quarterly
- b) Emergency power backup for critical systems
- c) Evacuation route signage maintained
- d) Safety equipment stations clearly marked

# 6. MAINTENANCE AND INSPECTION

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## 1. Regular Inspections

- a) Daily safety checks of active zones
- b) Weekly inventory verification
- c) Monthly compliance audits
- d) Quarterly full facility assessment

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## 2. Documentation Requirements

- a) Inspection logs maintained electronically
- b) Incident reports filed within 24 hours
- c) Maintenance records updated real-time
- d) Compliance certificates current

## **7. SECURITY PROTOCOLS**

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## 1. Access Control

- a) Biometric access to restricted areas
- b) Video surveillance coverage
- c) Visitor escort requirements
- d) Electronic logging of all entry/exit

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## 2. Data Security

- a) Secure network infrastructure
- b) Encrypted inventory management system
- c) Restricted access to proprietary information
- d) Regular security audits



## **8. MODIFICATION AND UPDATES**

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1. This Plan shall be reviewed and updated annually or as required by:

- a) Changes in operations
- b) New technology implementation
- c) Regulatory requirements
- d) Safety considerations

## **9. EXECUTION AND APPROVAL**

IN WITNESS WHEREOF, this Warehouse Storage Layout and Organization  
approved and adopted by the authorized representatives of NaviFloor Robotics  
Inc.

**By:** - 9 -

Name: Richard Torres

Title: Chief Operating Officer

Date: January 15, 2024

**By:**

Name: Elena Kovacs, Ph.D.

Title: Chief Research Officer

Date: January 15, 2024

## **10. DISCLAIMER**

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