

**PREVENTIVE MAINTENANCE SCHEDULE FOR ASSEMBLY LINE STATIONS**

**PREVENTIVE MAINTENANCE SCHEDULE F**

**NaviFloor Robotics, Inc.**

*Document No.: PM-2024-001*

*Effective Date: January 15, 2024*

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*Version: 2.0*

**1. PURPOSE AND SCOPE**

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1. This Preventive Maintenance Schedule ("Schedule") establishes the mand

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2. This Schedule applies to all assembly stations, testing equipment, calibrati

## **2. DEFINITIONS**

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1. "Critical Equipment" means any machinery or testing apparatus essential t

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2. "Maintenance Personnel" refers to qualified technicians certified by the Co

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3. "PM Interval" means the prescribed time period between scheduled preven

### 3. MAINTENANCE CATEGORIES AND INTERVALS

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1. Category A - Critical Navigation Systems Assembly Stations

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Daily visual inspection and calibration check

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Weekly precision alignment verification

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Monthly full diagnostic scan

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Quarterly component replacement assessment

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Semi-annual complete overhaul

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## 2. Category B - LiDAR Integration Stations

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Daily calibration verification

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Weekly optical alignment check

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Monthly sensor validation

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Quarterly performance optimization

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Annual complete recertification

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## 3. Category C - Final Assembly and Testing Stations

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Daily operational verification

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Weekly safety system check

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Monthly performance validation

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Quarterly compliance audit

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Annual equipment certification

## **4. MAINTENANCE PROCEDURES**

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1. Daily Maintenance Requirements

- a) Powersup system diagnostics
- b) Calibration verification of all measuring instruments
- c) Safety system functionality check
- d) Environmental condition monitoring
- e) Documentation of any anomalies

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## 2. Weekly Maintenance Requirements

- a) Complete system alignment verification
- b) Software version confirmation
- c) Backup system validation
- d) Mechanical wear inspection
- e) Sensor cleaning and calibration

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### 3. Monthly Maintenance Requirements

- a) Full system diagnostic review
- b) Performance metrics analysis
- c) Preventive component replacement
- d) Calibration certificate verification
- e) Compliance documentation review

## **5. DOCUMENTATION AND REPORTING**

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1. All maintenance activities must be recorded in the Company's Electronic M

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2. Maintenance records shall include:

- a) Date and time of maintenance
- b) Maintenance Personnel identification
- c) Equipment serial number
- d) Maintenance activities performed
- e) Parts replaced or serviced
- f) Test results and measurements
- g) Next scheduled maintenance date

## **6. QUALITY CONTROL AND COMPLIANCE**

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1. All maintenance activities must comply with ISO 9001:2015 quality mana

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2. Maintenance Personnel must maintain current certifications as required by



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3. Any deviations from this Schedule must be approved in writing by the Director of Manufacturing Operations.

## **7. RESPONSIBILITY AND AUTHORITY**

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1. The Director of Manufacturing Operations is responsible for:

- a) Oversight of this Schedule
- b) Approval of modifications to maintenance intervals
- c) Resource allocation for maintenance activities
- d) Compliance monitoring and enforcement

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2. The Maintenance Manager is responsible for:

- a) Schedule implementation

b) Personnel assignment and training

c) Documentation management

d) Performance reporting

## **8. REVIEW AND UPDATES**

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1. This Schedule shall be reviewed annually by the Quality Control Committee

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2. Updates to this Schedule must be approved by:

a) Director of Manufacturing Operations

b) Quality Control Manager

c) Chief Technology Officer

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## 9. LEGAL COMPLIANCE

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1. This Schedule is governed by the laws of the State of Delaware.

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2. This Schedule forms part of the Company's compliance documentation for

## APPROVAL AND EXECUTION

APPROVED AND ADOPTED this 11th day of January, 2024.

NAVIFLOOR ROBOTICS, INC.

**By:**

Richard Torres

Chief Operating Officer

**By:**

Dr. Elena Kovacs

Chief Research Officer

WITNESSED:

**By:**

James Wilson

Chief Financial Officer

