

# PRODUCTION SCHEDULE TEMPLATE 2024

## PRODUCTION SCHEDULE TEMPLATE 2024

**NaviFloor Robotics, Inc.**

*Effective Date: January 1, 2024*

*Document Reference: PS-2024-001*

### 1. PURPOSE AND SCOPE

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1. This Production Schedule Template ("Template") establishes the standard

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2. This Template applies to all manufacturing facilities, production lines, and

## **2. DEFINITIONS**

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1. "Production Cycle" means the complete manufacturing process from comp

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2. "Production Unit" refers to a single complete AMR system, including hard

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3. "Manufacturing Slot" means a designated time period allocated for the pro

## **3. PRODUCTION PLANNING PARAMETERS**

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### 1. Standard Production Cycle Duration

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Base Model AMR: 72 hours

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Advanced Model AMR: 96 hours

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Custom Configuration: 120 hours

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### 2. Daily Production Capacity

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Primary Facility (Delaware): 8 units

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Secondary Facility (Nevada): 6 units

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Contract Manufacturer (Michigan): 4 units

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### 3. Quality Control Allocation

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In-line Testing: 4 hours per unit

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Final Testing: 8 hours per unit

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Certification Process: 12 hours per unit

## 4. SCHEDULING PROTOCOLS

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## 1. Production Slot Allocation

- a) Priority scheduling for contracted orders
- b) Secondary allocation for inventory replenishment
- c) Flexible slots for urgent orders (10% capacity reserve)

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## 2. Lead Time Requirements

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Standard Orders: 45 days

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Custom Orders: 60 days

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Rush Orders: 30 days (subject to capacity availability)

## **5. COMPONENT MANAGEMENT**

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## 1. Critical Components

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LiDAR Sensors: 60-day supply minimum

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Navigation Processors: 45-day supply minimum

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Proprietary Circuit Boards: 90-day supply minimum

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## 2. Inventory Thresholds

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Reorder Point: 75% of maximum inventory

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Safety Stock: 45 days of projected demand

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Maximum Inventory: 120 days of projected demand

## **6. QUALITY CONTROL INTEGRATION**

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### **1. Mandatory Testing Points**

- a) Component validation: Pre-assembly
- b) System integration testing: Post-assembly
- c) Navigation calibration: Pre-shipment
- d) Final performance validation: Pre-release

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### **2. Documentation Requirements**

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Component tracking logs

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Assembly verification sheets

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Calibration certificates

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Performance test results

## **7. PRODUCTION MODIFICATIONS**

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1. Schedule Adjustments

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Minimum 72-hour notice for minor changes

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5-day notice for major modifications

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Emergency changes require executive approval

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2. Capacity Allocation Changes

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Quarterly review of facility utilization

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Monthly adjustment of production targets

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Weekly optimization of manufacturing slots

## **8. COMPLIANCE AND REPORTING**

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## 1. Required Documentation

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Daily production reports

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Quality control metrics

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Component utilization logs

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Efficiency statistics

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## 2. Performance Metrics

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Units per day

- - 10 -

Defect rates

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Cycle time adherence

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Component utilization efficiency

## **9. CONFIDENTIALITY**

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1. This Template and all associated production schedules contain confidential

## **10. TEMPLATE VALIDATION**

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1. This Template shall be reviewed and updated quarterly by the Operations

## **11. AUTHORIZATION**

APPROVED AND ADOPTED this 1st day of January, 2024.

NaviFloor Robotics, Inc.

**By:**

Richard Torres

Chief Operations Officer

**By:**

James Wilson

Chief Financial Officer

## **12. REVISION HISTORY**

Version 1.0 - January 1, 2024 - Initial Release

Version 1.1 - March 15, 2024 - Scheduled Update

