PRODUCTION KPI TRACKING PROCEDURE

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NaviFloor Robotics, Inc.

Effective Date: January 15, 2024

Document ID: OPS-KPI-2024-001

Version: 2.0

1. PURPOSE AND SCOPE

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1. This Production KPI Tracking Procedure ("Procedure") establishes the sta

2. This Procedure applies to all production facilities, quality control stations,

2. DEFINITIONS

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1. "KPI Dashboard" means the Company's proprietary digital interface for re

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2. "Production Cycle" means the complete manufacturing process from initia

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3. "Unit Yield Rate" means the percentage of AMR units that pass final qual

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4. "MTBF" means Mean Time Between Failures for deployed AMR units.

3. CORE PRODUCTION KPIS

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1. Primary Metrics

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Daily Production Volume (DPV)

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Unit Production Cost (UPC)

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Assembly Line Efficiency (ALE)

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Component Defect Rate (CDR)

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First Pass Yield (FPY)

2. Secondary Metrics

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Average Production Cycle Time

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Labor Hours per Unit

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Material Waste Percentage

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Energy Consumption per Unit

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Equipment Downtime

4. DATA COLLECTION PROCEDURES

1. Automated Data Collection

a) Production line sensors shall continuously monitor and record metrics thro
the Company's Manufacturing Execution System (MES).

b) LiDAR calibration data shall be automatically logged during final testing.

c) Quality control stations shall digitally record all inspection results.

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2. Manual Data Entry

a) Shift supervisors shall input daily production reports within 2 hours of
shift completion.

b) Quality engineers shall document any deviation from standard specificatio

c) Maintenance personnel shall log all equipment downtime events.

5. REPORTING REQUIREMENTS

1. Daily Reports

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Production volume vs. target

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Quality inspection results

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Component inventory levels

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Equipment status updates

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2. Weekly Reports

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Yield rate analysis

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Efficiency trends

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Resource utilization

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Quality control metrics

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3. Monthly Reports

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Comprehensive production analysis

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Cost per unit trends

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Quality improvement initiatives

Capacity utilization statistics

6. PERFORMANCE THRESHOLDS

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1. Critical Thresholds

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Minimum Unit Yield Rate: 95%

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Maximum Defect Rate: 0.5%

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Maximum Downtime: 5%

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Minimum First Pass Yield: 92%

2. Alert Triggers

The KPI Dashboard shall generate automatic alerts when:

a) Any critical threshold is breached

b) Significant deviation from historical trends occurs

c) Production targets are at risk of non-achievement

7. RESPONSIBILITY AND ACCOUNTABILITY

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1. Production Manager

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Overall KPI monitoring and reporting

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Implementation of corrective actions

- Monthly performance reviews

2. Quality Control Team

- Quality metrics tracking

- Defect analysis and reporting

- Compliance verification

3. Department Heads

- Department-specific KPI monitoring

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Resource allocation optimization

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Performance improvement initiatives

8. REVIEW AND UPDATES

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1. This Procedure shall be reviewed annually by the Operations Committee.

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2. Updates require approval from:

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Chief Operations Officer

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Quality Assurance Director

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Production Director

9. COMPLIANCE AND ENFORCEMENT

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1. Compliance with this Procedure is mandatory for all production personnel

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2. Failure to adhere to the prescribed tracking and reporting requirements ma

10. CONFIDENTIALITY

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1. All KPI data and related reports are considered Confidential Information a

2. Distribution of KPI reports is restricted to authorized personnel only.

APPROVAL AND EXECUTION

APPROVED AND ADOPTED by NaviFloor Robotics, Inc. on January 15, 2

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