

COMPONENT TRACEABILITY PROCESS DOCUMENT

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NaviFloor Robotics, Inc.

Effective Date: January 15, 2024

Document ID: CTD-2024-001

1. PURPOSE AND SCOPE

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1. This Component Traceability Process Document ("Process Document") es

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2. This Process Document applies to all components, including but not limited to:

(a) LiDAR sensors and depth-sensing modules

(b) Navigation control units

(c) Terrain mapping processors

(d) Motion control systems

(e) Safety system components

(f) Electronic control units (ECUs)

(g) Proprietary firmware modules

2. DEFINITIONS

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1. "Component" means any physical or digital element incorporated into Component

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2. "Critical Component" means any Component designated as essential to safety.

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3. "Traceability Record" means the complete documentation of a Component's history.

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4. "Supplier" means any entity providing Components to Company.

3. COMPONENT IDENTIFICATION AND REGISTRATION

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1. Each Component shall be assigned a unique identifier using the following format:

NFR-[Category Code]-[Sequential Number]-[Year]

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2. Registration Requirements:

- (a) Component specifications
- (b) Supplier information
- (c) Manufacturing date and batch number
- (d) Quality certification documentation
- (e) Import/export classification
- (f) Safety certification status

4. DOCUMENTATION REQUIREMENTS

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1. Mandatory Documentation:

- (a) Component origin certification
- (b) Technical specifications

(c) Quality control test results

(d) Compliance certificates

(e) Installation verification records

(f) Maintenance history

(g) End-of-life disposition plans

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2. All documentation must be maintained in Company's secure electronic do

5. SUPPLIER REQUIREMENTS

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1. Suppliers must provide:

(a) Component origin documentation

(b) Manufacturing quality certifications

(c) Material composition declarations

(d) Compliance with Company's Quality Management System

(e) Real-time access to component status updates

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2. Suppliers shall maintain their own traceability systems compatible with C

6. QUALITY CONTROL AND TESTING

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1. Each Component shall undergo:

(a) Incoming inspection

(b) Performance validation

(c) Integration testing

(d) Safety compliance verification

(e) Operational validation

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2. Test results must be documented and linked to the Component's Traceability

7. COMPLIANCE AND AUDITING

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1. Internal Audits:

(a) Quarterly review of traceability systems

(b) Random sampling of Component documentation

(c) Process compliance verification

(d) Data integrity checks

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2. External Audits:

- (a) Annual third-party verification
- (b) Regulatory compliance review
- (c) Certification maintenance audits

8. SECURITY AND ACCESS CONTROL

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1. Access to traceability records shall be restricted to authorized personnel ba

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2. All access and modifications to traceability records must be logged and m

9. EMERGENCY AND RECALL PROCEDURES

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1. In the event of a Component-related issue:

- (a) Immediate identification of affected units
- (b) Stakeholder notification protocol
- (c) Remediation plan implementation
- (d) Documentation of corrective actions

10. AMENDMENTS AND UPDATES

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1. This Process Document shall be reviewed annually and updated as necessary:

- (a) Regulatory changes
- (b) Technology advances
- (c) Process improvements

(d) Industry best practices

11. GOVERNING LAW

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1. This Process Document shall be governed by and construed in accordance

AUTHORIZATION

IN WITNESS WHEREOF, this Component Traceability Process Document
authorized and approved by NaviFloor Robotics, Inc.

By:

Name: Dr. Sarah Chen

Title: Chief Executive Officer

Date: January 15, 2024

By:

Name: Richard Torres

Title: Chief Operating Officer

Date: January 15, 2024

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