QUALITY MANAGEMENT SYSTEM MANUAL

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Document Owner: Quality Management Department

Approved By: Elena Frost, CEO

1. INTRODUCTION

1 This Quality Management System Manual ("QMS Manual") establis

| 2 This Manual applies to all Company operations related to the design |
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| 2. SCOPE AND APPLICATION |
| 1 This QMS Manual covers all quality-related activities at Company fa |
| - |
| Primary Manufacturing Facility: 4500 Arctic Way, Dover, DE 19901 |
| - R&D Center: 2300 Frost Laboratory Drive, Cambridge, MA 02142 |
| - Tasting Facility 700 Cald Charage Bayley and Microsopelia MN 55400 |
| Testing Facility: 780 Cold Storage Boulevard, Minneapolis, MN 55403 |
| 2 The quality system described herein applies to: |
| Design and development of autonomous navigation systems |
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| 2- |
|--|
| Manufacturing of cold-resistant robotic platforms |
| - |
| Integration of BlueCore(TM) technology components |
| - |
| Customer support and maintenance services |
| <u>-</u> |
| Supply chain management and vendor qualification |
| |
| 3. QUALITY POLICY |
| |
| 1 The Company commits to: |
| - |
| Delivering reliable autonomous mobile robots that consistently perform |
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| weeur | a or evereding suptemor requirements and applicable requ |
|-------------|--|
| | gar exceeding customer requirements and applicable regu |
| - Contin | uously improving our quality management system |
| - Mainta | ining ISO 9001:2015 certification |
| - Ensuri | ng product safety and reliability |
| 4. OF | RGANIZATIONAL RESPONSIBILITIES |
| | |
| 1 Qua | ity Management Structure: |
| - | |
| - | ity Management Structure: Quality Officer: Direct responsibility for QMS implementation |

| 4 - |
|---|
| Department Quality Leaders: Tactical implementation |
| |
| - |
| Quality Assurance Teams: Daily quality monitoring and testing |
| |
| 2 Management shall ensure: |
| |
| - |
| Adequate resources for quality system maintenance |
| |
| - |
| Regular quality performance reviews |
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| |
| Implementation of corrective actions |
| - |
| Training and competency development |
| |

5. QUALITY SYSTEM PROCESSES

| 1 Core Processes: |
|----------------------------------|
| • |
| Product Design Control |
| |
| Manufacturing Process Control |
| |
| Supplier Management |
| |
| Customer Requirements Management |
| |
| Non-conformance Management |
| |
| |

Continuous Improvement 2 Supporting Processes: Document Control Records Management Internal Auditing Training Management Equipment Calibration

Environmental Control

6. PRŌDUCT REALIZATION

| 8- |
|--------------------------------|
| Production line quality checks |
| - |
| Environmental monitoring |
| _ |
| Component traceability |
| Compension hadecasing |
| - - |
| Assembly verification |
| - |
| Final testing procedures |
| |
| 7. MEASUREMENT AND MONITORING |
| |
| 1 Quality Metrics: |

| Product _o reliability rates |
|--|
| - |
| Customer satisfaction scores |
| - |
| Non-conformance rates |
| - |
| Supplier performance metrics |
| - |
| Process capability indices |
| |
| 2 Review and Reporting: |
| - |
| Monthly quality performance reviews |
| - |
| Quarterly management reviews |

- 10 -Annual system audits-Continuous improvement tracking

8. DOCUMENTATION REQUIREMENTS

1 Required Records:
Design history files
Production batch records
Testing and validation data

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| Training ₁ records |
|---|
| - |
| Audit reports |
| - |
| Corrective action documentation |
| |
| 2 Document Control: |
| - |
| |
| Electronic document management system |
| Electronic document management system - |
| - Version control procedures |
| - |
| - |
| - Version control procedures - |
| - Version control procedures - |

9. REVISION HISTORY

Version | Date | Description | Approved By
---|---|---|
0 | 2024-01-15 | Complete revision for ISO 9001:2015 alignment | E. I
0 | 2023-02-01 | Updated manufacturing controls | E. Frost
0 | 2022-03-15 | Added BlueCore(TM) specifications | E. Frost

10. APPROVAL AND AUTHORIZATION

This Quality Management System Manual is hereby approved and au

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Dr. Elena Frost, Ph.D.

Chief Executive Officer

Date: January 15, 2024

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Sarah Nordstrom

Chief Operating Officer

Date: January 15, 2024

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Marcus Chen

Chief Technology Officer

Date: January 15, 2024

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