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FIRST ARTICLE INSPECTION

Origination Date: (mo/yr)

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Date:	June 2023
Project:	Customer, Unique ID, Part Number
Document Rev:	C

Abstract:
This document describes the process for first article inspection.

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REVISION LOG

Issue	Date	Comment	Author
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DOCUMENT CHANGE RECORD

Issue	Item	Reason for Change

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1.0 Scope

Establish requirements for performing and documenting First Article Inspection.

A FAI is performed to provide objective evidence that:

1. [redacted]
2. [redacted]
3. [redacted]

2.0 Applicability

This procedure applies to assemblies, sub-assemblies and detail parts, including [redacted]. This procedure does not apply to [redacted] but does apply to [redacted]. This procedure also applies to [redacted] of a product.

FAI is flowed down to Suppliers that have [redacted]. Subcontractors that perform special processes are required to [redacted]

3.0 Definitions and Abbreviations

See Appendix C

4.0 Requirements

4.1 First Article Inspection Planning

The Company verifies planning activities are completed for each FAI prior t [redacted] which include [redacted] and determination of:

- [redacted]
  - [redacted]

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4.2 Part Requirements

The Company performs First Article Inspection (FAI) on a new product that is representative of the First Production Run and First Production Delivery to verify

The Company does not perform an FAI using or using Assembly level FAI's account for

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[redacted] Part characteristics in the assembly [redacted]

4.3 Digital Product Definition Requirements (DPD)

Required digital product definition features are [redacted] The Company performs required verifications [redacted] to achieve [redacted]

4.4 Evaluation Activities

The Company performs the following activities [redacted] to confirm conformity of design characteristics.

1. [redacted]
2. [redacted]
3. [redacted]
4. [redacted]
5. [redacted]
6. [redacted]
7. [redacted]
8. [redacted]
9. [redacted]

4.5 Nonconformance Handling

The First Article Inspection (FAI) is considered incomplete if nonconformances are [redacted] The Company applies corrective actions on an expedited, high priority basis until [redacted]

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[redacted] A partial or complete FAI is performed [redacted]

4.6 Partial or Re-accomplishment of First Article Inspection

The FAI requirement continues [redacted] The FAI requirements may [redacted] When a partial FAI is performed, the Company [redacted]

FAI requirements may also be satisfied by [redacted] When FAI requirements (partial or complete) are satisfied in this manner, [redacted]

The Company performs a full FAI or partial FAI for [redacted] when any of the following events occurs:

1. [redacted]
2. [redacted]
3. [redacted]
4. [redacted]
5. [redacted]
6. [redacted]

4.7 Documentation

4.7.1 Forms

Appendix A contains forms that comply with this procedure. Each field in the forms is designated with [redacted] Each field is also identified as:

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(R) [redacted]

(CR) [redacted]

(O) Optional

[redacted]

Forms contained in the Appendix are used to document the results of the FAI. All forms are [redacted]

NOTE: The fields in the forms are [redacted] and have the same [redacted]

NOTE: Continuation sheets [redacted] are [redacted]

4.7.2 Characteristic Accountability

The Company verifies and records [redacted]

NOTE: [redacted]

NOTE: [redacted]

NOTE: [redacted]

4.7.3 Recording Results

The Company records the results [redacted] approved by the Customer. Results from inspection of design characteristics are [redacted] including applicable [redacted] does not specify [redacted] or an inspection technique is [redacted] may also be used when

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[redacted] Record the as [redacted]

4.8 Control of Records

All FAI documentation are retained and maintained according to [redacted]

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APPENDIX A: GUIDELINES TO COMPLETE THE FORMS

Each input field is identified as:

[redacted]

The fields may be [redacted] for example:

[redacted]

Instructions to Complete Form 1: Part Number Accountability

[redacted]

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[redacted]

Copy

[redacted]

Instructions to Complete Form 2: Product Accountability - Materials, Special Processes, and Functional Testing

[redacted]

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[redacted]

Instructions to Complete Form 3: Characteristic Accountability, Verification, and Compatibility Evaluation

[redacted]

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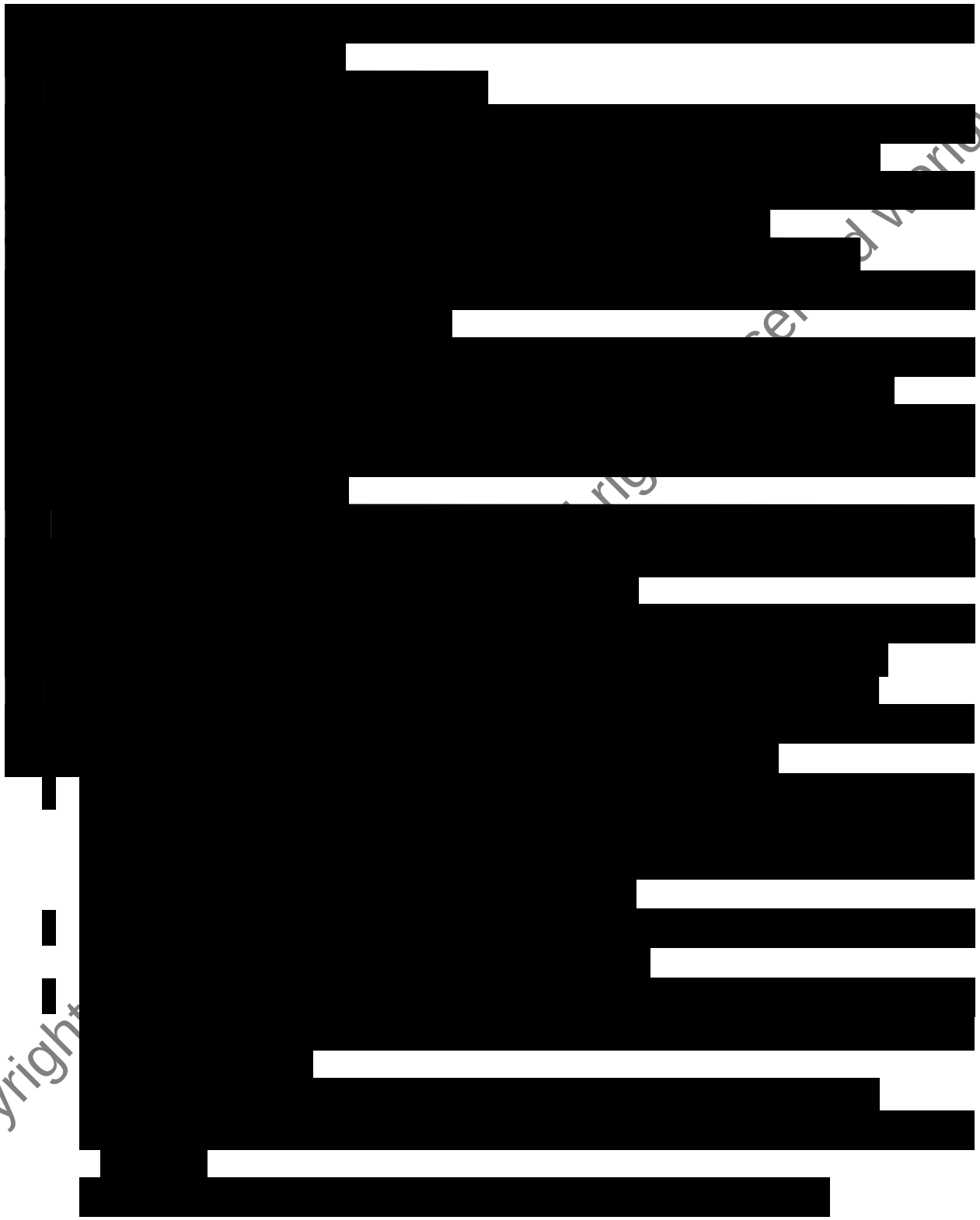

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APPENDIX B: FORMS

First Article Inspection Report
Form 1: Part Number Accountability

Form 1 - Part Number Accountability			Sheet ___ of ___
[redacted]			

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Form Rev: Orig

First Article Inspection Report
Form 2: Product Accountability – Materials, Special Processes, and Functional Testing

Form 2 - Product Accountability - Materials, Special Processes, and Functional Testing					Sheet ___ of ___
1. [redacted]	[redacted]		[redacted]		[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]				
[redacted]					

Form Rev: Orig

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First Article Inspection Report
Form 3: Characteristic Accountability, Verification, and Compatibility Evaluation

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APPENDIX C: DEFINITIONS

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