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## FIRST ARTICLE INSPECTION

Origination Date: (mo/yr)

Document Identifier:	First Article Inspection
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
0-0			

### 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 to [REDACTED] which include [REDACTED] and determination of:

- [REDACTED]

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- [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]

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- [Redacted]
- [Redacted]
- [Redacted]
  - [Redacted]
  - [Redacted]
  - [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]

**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

[Redacted]

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

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[Redacted] Part characteristics in the assembly [Redacted]  
[Redacted]

**4.3 Digital Product Definition Requirements (DPD)**

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

**4.4 Evaluation Activities**

The Company performs the following activities [Redacted]  
[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]  
[REDACTED]

**4.6 Partial or Re-accomplishment of First Article Inspection**

The FAI requirement continues [REDACTED] The FAI requirements may [REDACTED]

[REDACTED] When a partial FAI is performed, the Company [REDACTED]  
[REDACTED]

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

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]

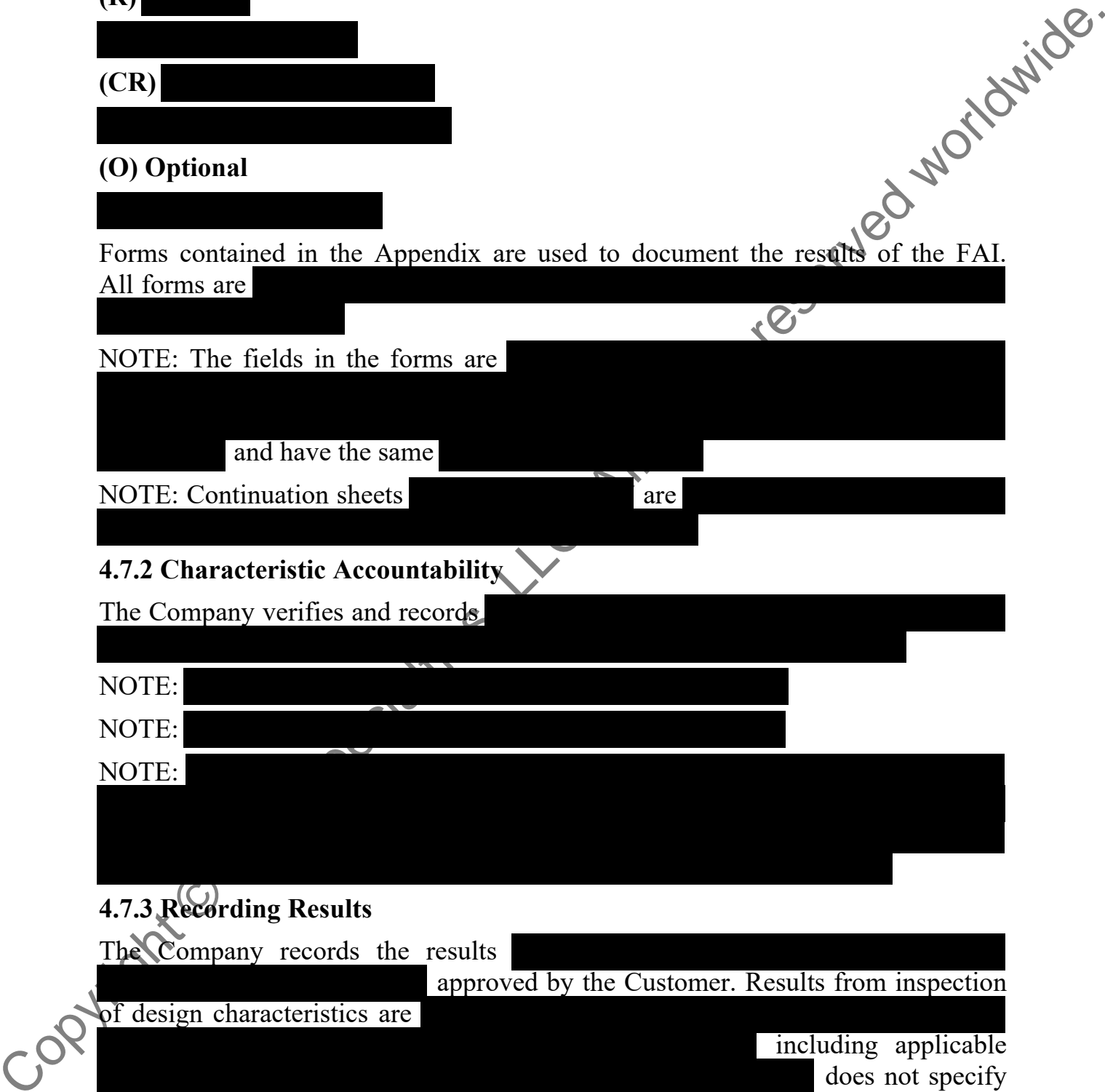
NOTE: [REDACTED]

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]

[REDACTED] including applicable [REDACTED] does not specify [REDACTED] or an inspection technique is [REDACTED] may also be used when [REDACTED]



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[REDACTED] Record the  
as [REDACTED]

**4.8 Control of Records**

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

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## APPENDIX A: GUIDELINES TO COMPLETE THE FORMS

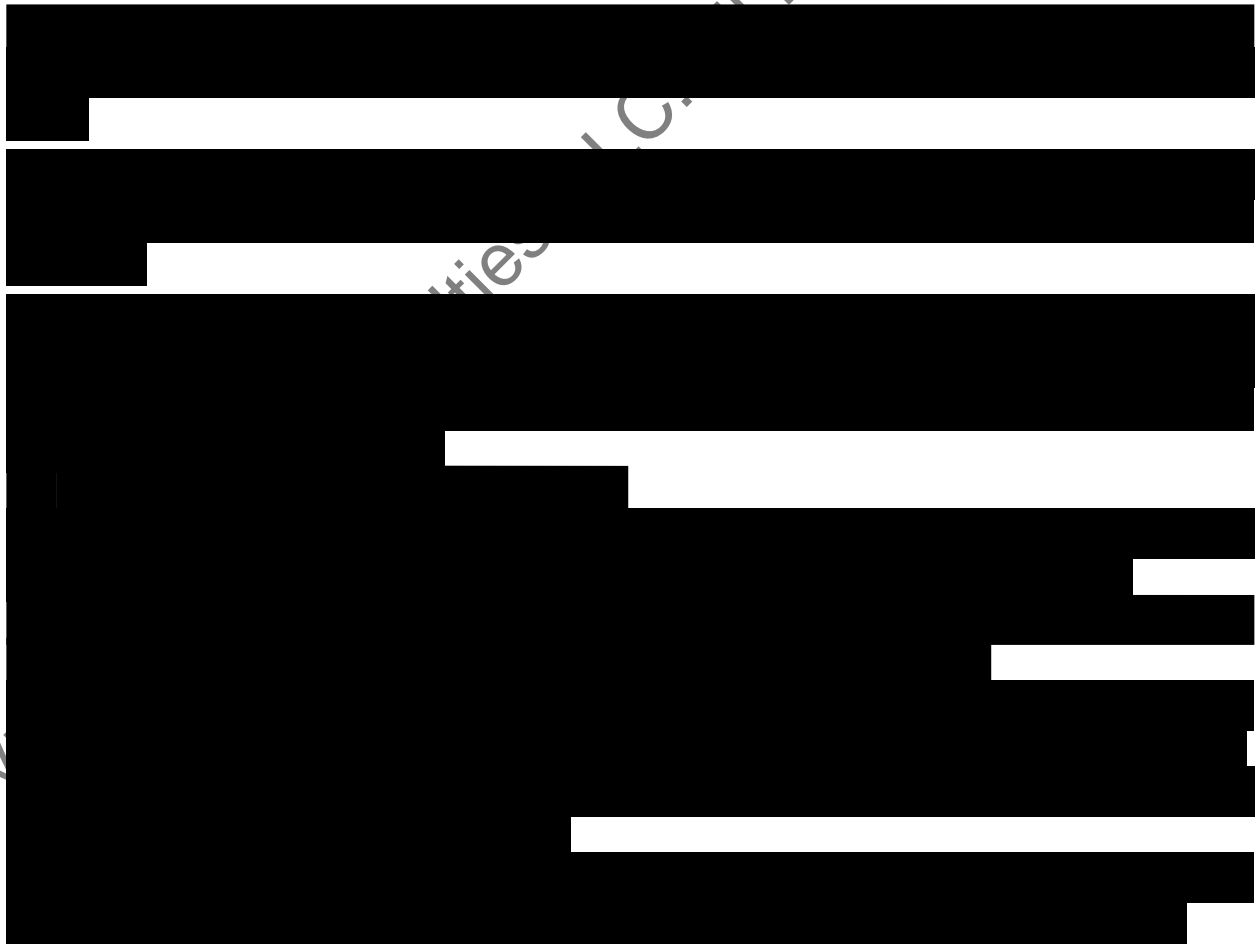
Each input field is identified as:



The fields may be [redacted] for example:



### *Instructions to Complete Form 1: Part Number Accountability*



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[Redacted]

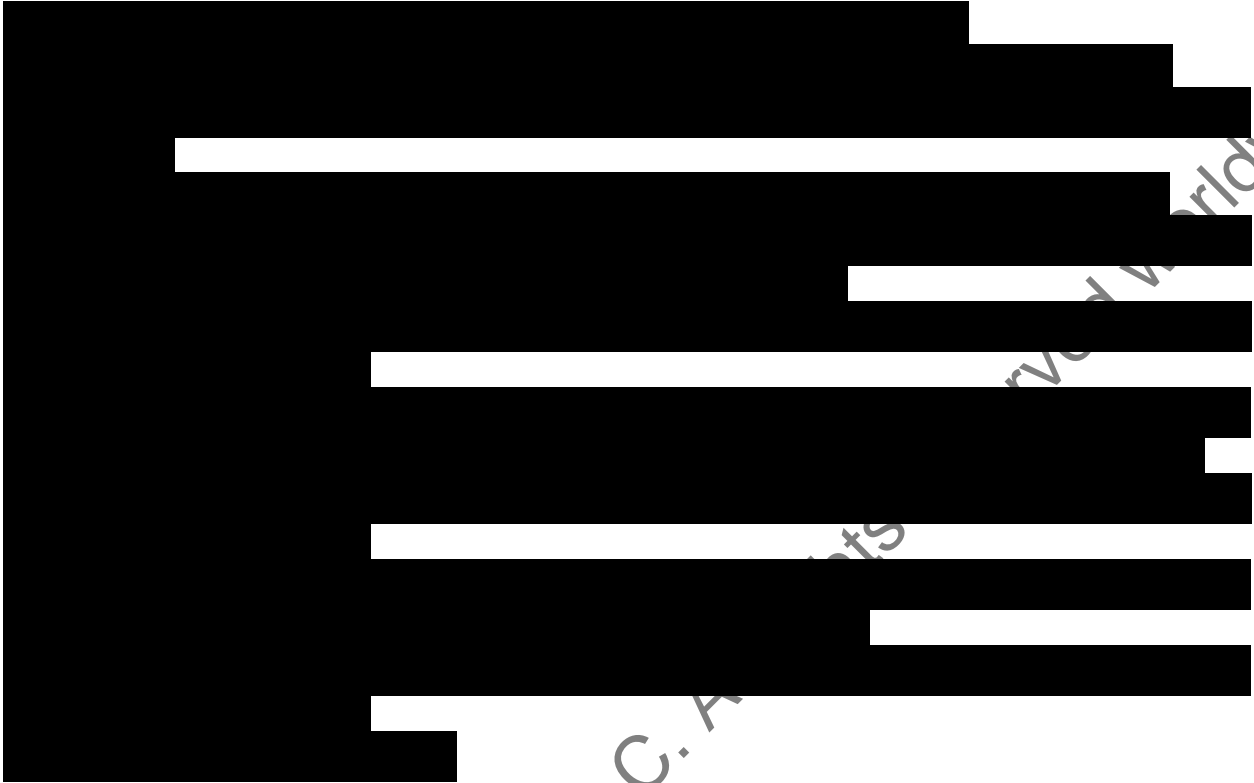
[Redacted]

[Redacted]

[Redacted]

[Redacted]

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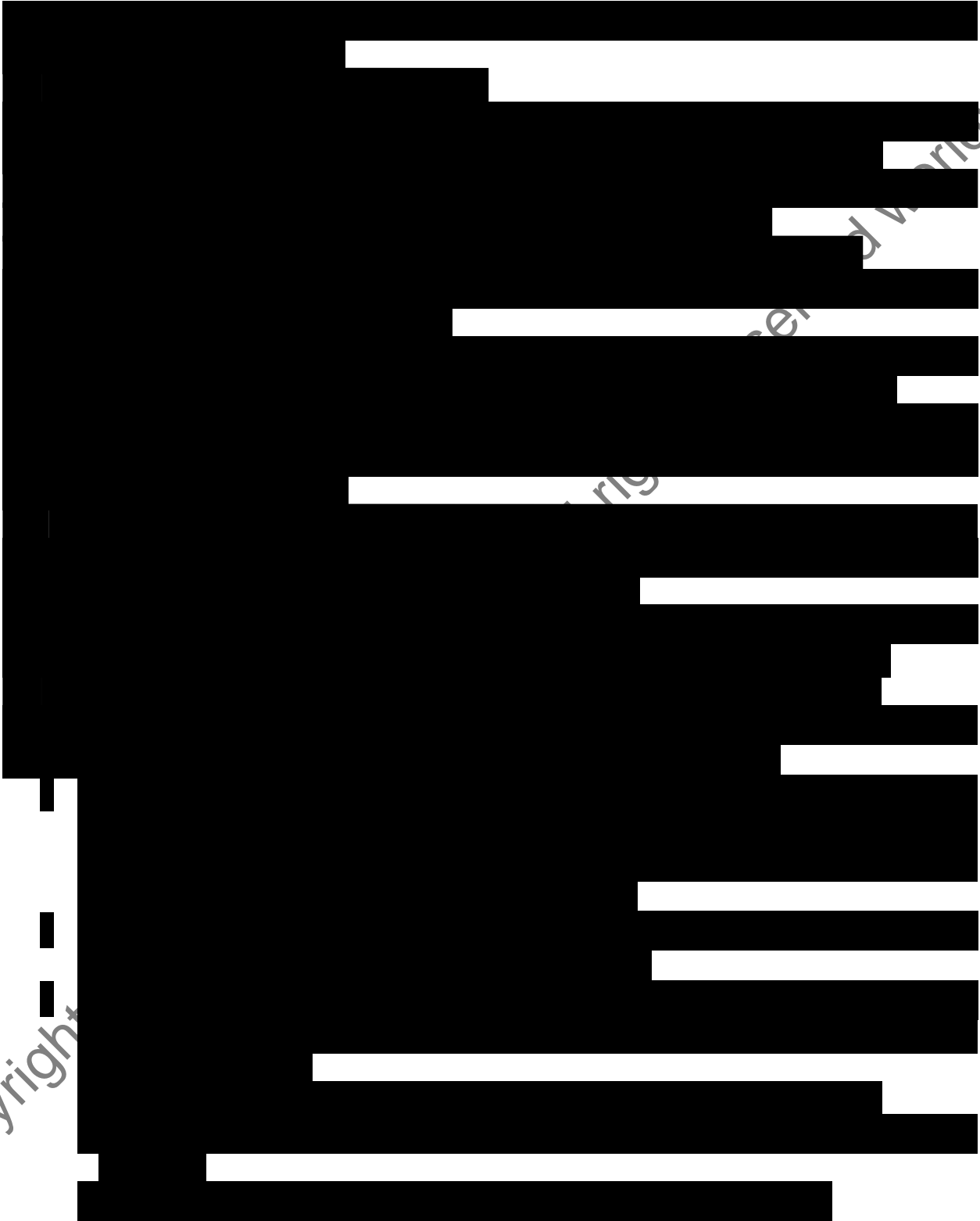


**Instructions to Complete Form 2: Product Accountability - Materials, Special Processes, and Functional Testing**





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- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]

[REDACTED]

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[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]





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