

# DESIGN AND DEVELOPMENT PROCEDURE

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Abstract:

This document describes the procedures used to design and develop products or services.

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**REVISION LOG**

Issue	Date	Comment	Author
Orig			

**DOCUMENT CHANGE RECORD**

Issue	Item	Reason for Change

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## 1.0 PURPOSE

This document provides details on the Design and Development process.

## 2.0 THEORY

The Company performs new product research and development (R&D). Controlling the design and development activity ensures that product designs meet all requirements and that parts produced are adequate as a result of the design.

## 3.0 DESIGN & DEVELOPMENT PROCEDURE

The responsible engineering authority (REA) for design and development is assigned by the Operations Manager. Design and development personnel from various business groups may include [REDACTED]

Design and development planning outputs specify [REDACTED]

The Company defines the data required to enable the product to be identified, manufactured, verified, used and maintained, which may include:

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

Design and development planning takes into consideration [REDACTED]

When applicable, the Company considers [REDACTED]

When appropriate, the Company considers [REDACTED]

When appropriate, the Company [REDACTED]

When tests are necessary for verification and validation, these tests are planned, controlled, reviewed and documented to ensure and prove the following:

- [REDACTED]

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: [REDACTED]  
: [REDACTED]

Monitoring and measuring devices used for testing shall [REDACTED]  
[REDACTED]

At the completion of design and development, the Company ensures [REDACTED]  
[REDACTED]

The Company implements a process [REDACTED]  
[REDACTED]

Design and development changes that affect Customer requirements are approved by the Customer prior to implementation according to the **QMS-02 Configuration Management Procedure**.

See process map.

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### 4.0 PROCESS MAP

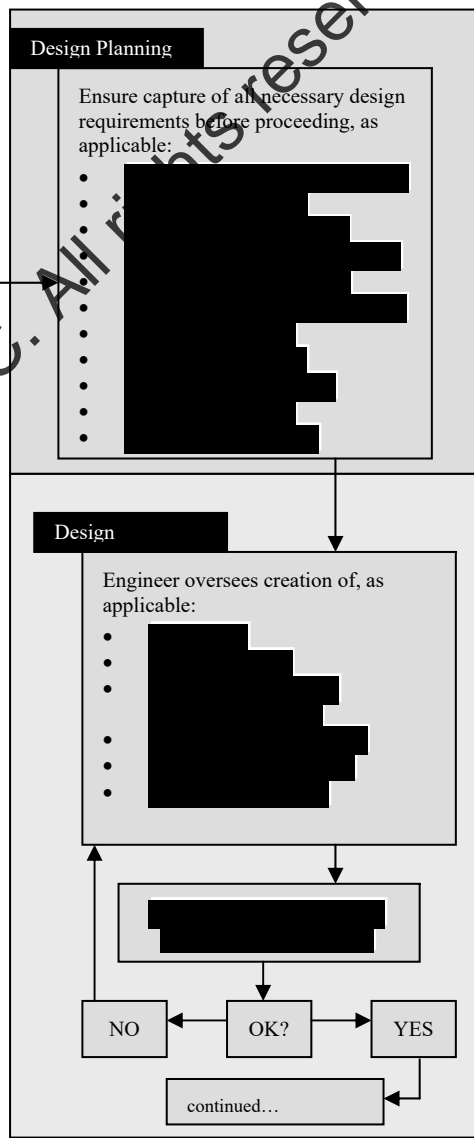
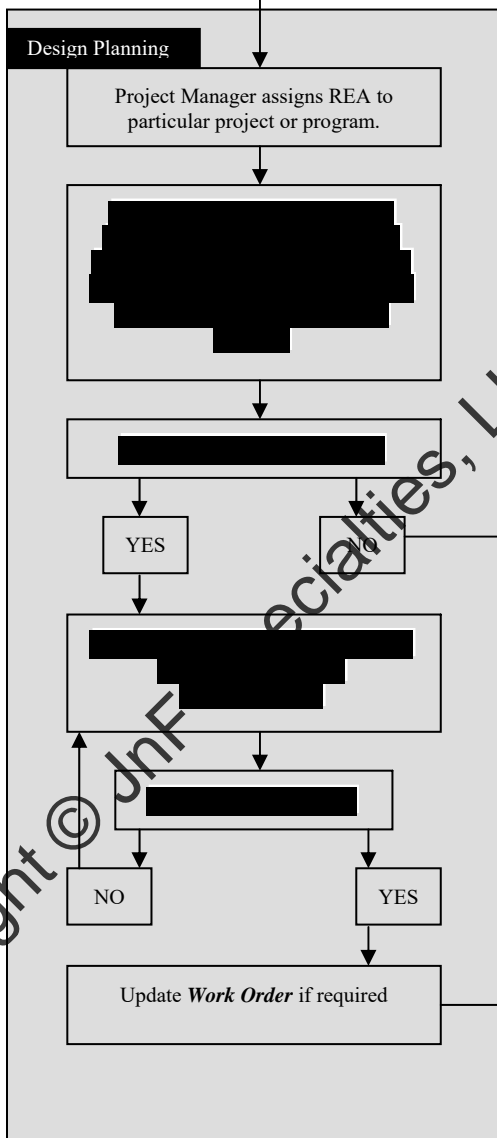
*Design and Development Process*

Owner: [REDACTED]

Quality objective: [REDACTED]

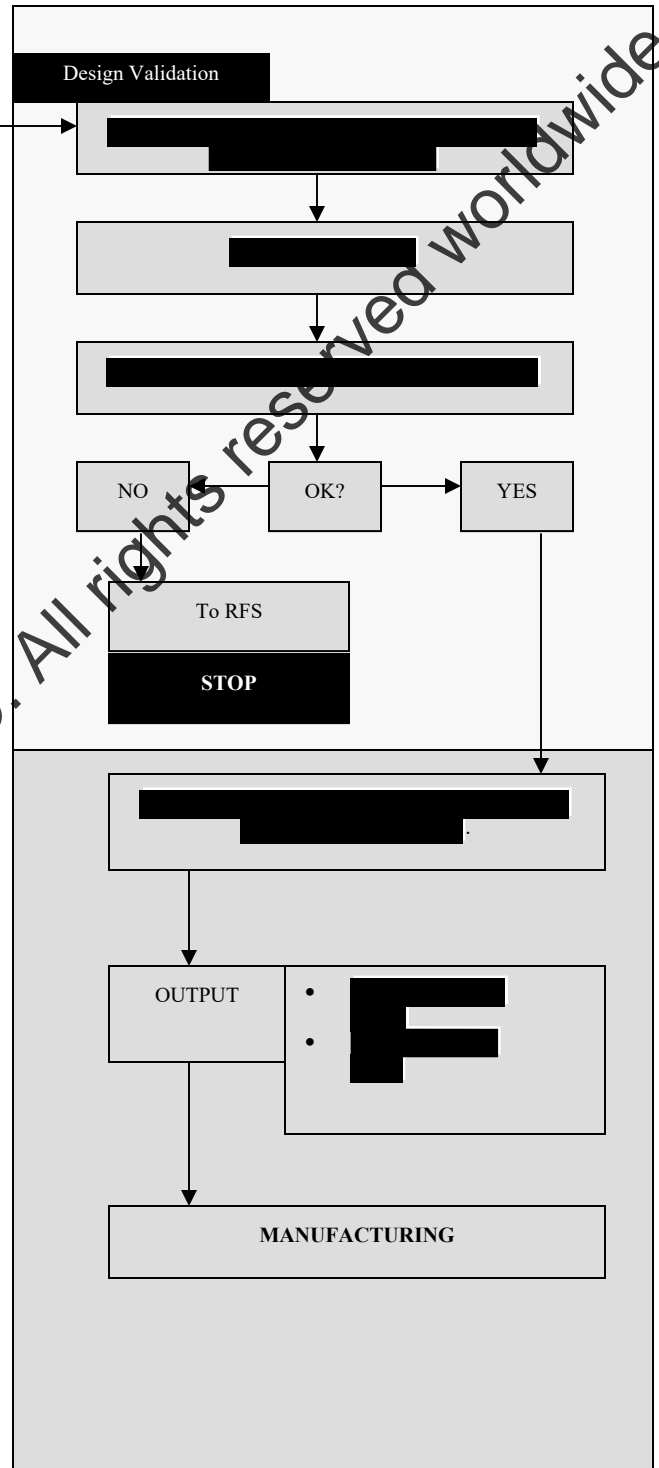
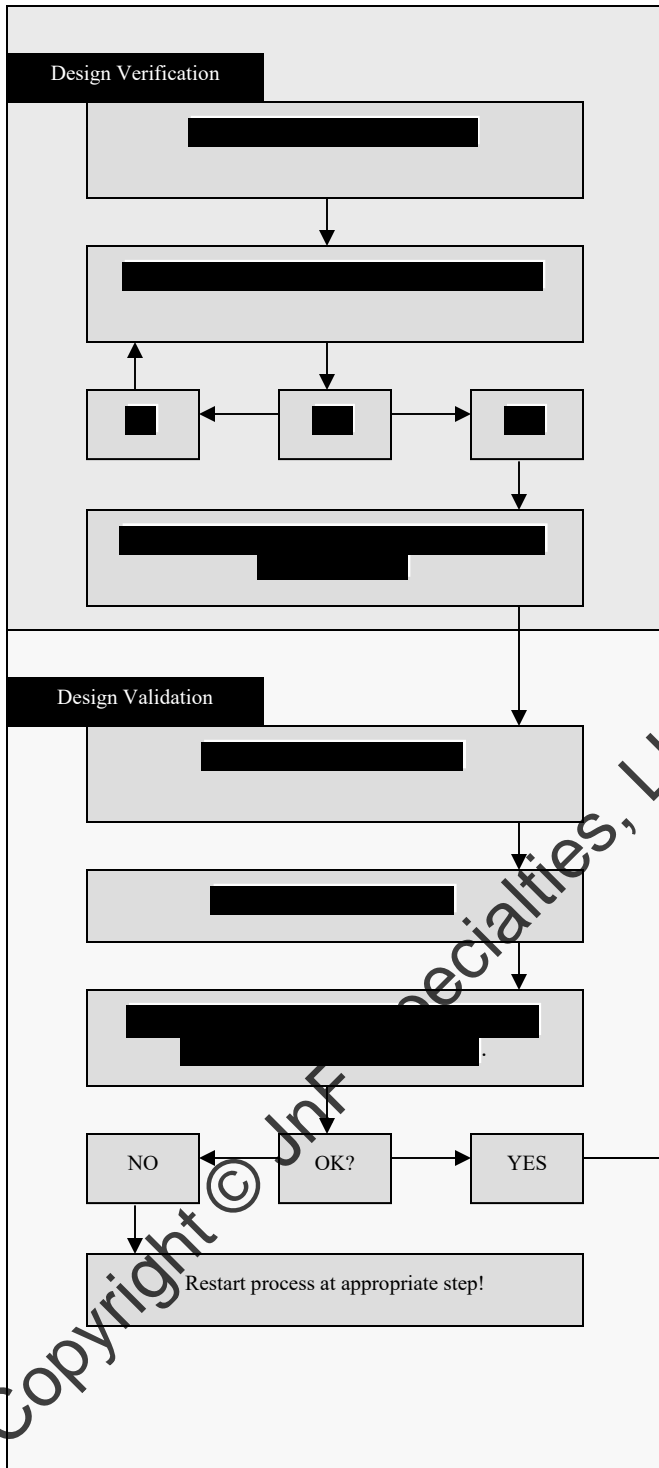
**INPUT**

[REDACTED]



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