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1.0 Purpose

This document defines Legacy Manufacturing, Quality Procedures for the Quality and Manufacturing Processes at Legacy Manufacturing.

2.0 Scope

Legacy Manufacturing acknowledges as a manufacturer of Customer Products, to adhere to all applicable regulatory and industry standards. This manual specifies the procedures that comprise the Legacy Manufacturing "Quality System".

- Legacy Manufacturing's Quality System is modeled after AS9100 and NQA-1 Standards.
- Legacy Manufacturing requires that its vendors for the calibration of Quality Inspection Equipment must use the ANSI NCLZ Z540-1-1994 "Calibration Standard", for the control of measuring and test equipment.
- Legacy Manufacturing's Quality system complies with the requirements of 10CFR21 and AS9100 standards; all activities related to machining nuclear or aerospace parts. Machining of nuclear parts is performed in accordance with the quality assurance requirements of 10CFR50 and NQA-1, AS9100 standards. Additional controls for machining nuclear parts are identified in applicable Legacy Manufacturing Procedures.

3.0 References

As Referenced above in 2.0

4.0 Quality Management System

4.01 Quality System

4.01.1 Quality System

Legacy Manufacturing maintains its Quality System in accordance with the standards referenced in this Manual. The Quality System consists of Procedures outlined in this Manual as (LQPP's, LQP's and LMI's).

- Level 1 Quality Program Procedure (LQPP)
- Level 2 Quality Control/Manufacturing Procedures (LQP)

4.02 Document Requirements

4.02.1 General

Legacy Manufacturing will organize its Quality System documentation as follows:

- Level 1 Quality Program Procedure (LQPP)
- Level 2 Quality Control/Manufacturing Procedures (LQP)
- LQP-01 Document Control
- LQP-02 Manufacturing
- LQP-03 Calibration of Tool-Gauges
- LQP-04 Nonconformance Materials
- LQP-05 Corrective/Preventive Action
- LQP-06 Quality Assurance Records
- LQP-07 Internal Quality System Audits
- LQP-08 Training
- LQP-09 Customer Order

- LQP-10 Preventive Maintenance
- LQP-11 Purchasing
- LQP-12 Process Validation
- LQP-13 Incoming Inspection/Final Inspection/First Article Inspection
Process Control Inspection (Sampling Plans)
- LQP-14 Interim Changes

5.0 Management Responsibility

5.01 Management Commitment

5.01.1 Management Commitment

Legacy Manufacturing; responsibility as a manufacturer of customer product, to comply with all applicable regulatory and industry standards, as required by customers. This manual specifies the procedures that comprise the Legacy Manufacturing Quality System.

5.02 Customer focus

5.02.1 Customer Requirements

Legacy Manufacturing's customer requirements are determined and met with the aim of enhancing customer satisfaction by complying with the following procedures.

- LQP-09 Customer Orders
- LQP-12 Process Validation
- LQP-13 Incoming Inspection/Final Inspection/First Article Inspection
Process Control Inspection (Sampling Plans)

5.02.2 Customer Satisfaction

Customer satisfaction is surveyed to assure Legacy Manufacturing efforts at meeting customer expectations by the following means:

- Legacy Manufacturing will send out an email once every 3 months to its Customers asking them to rate Legacy Manufacturing as a vendor for their services. The returned email results from Legacy Manufacturing's customers will be printed out and the president will hold a company-wide meeting to go over each rating from the customer to improve customer satisfaction. Minutes will be recorded of each meeting and saved in the company training folder.

5.03 Quality Policy Statement

Legacy Manufacturing specializes in precision machining services with a goal of zero defects. We achieve Customer Satisfaction by meeting or exceeding customer Expectations in Quality, Delivery, Cost and Service.

5.04 Planning

5.04.1 Quality Objectives

Legacy Manufacturing ensures that quality objectives meet requirements for products at relevant functions and all levels within Legacy Manufacturing by the following procedures.

- LQP-07 Internal Quality System Audits
- LQP-08 Training

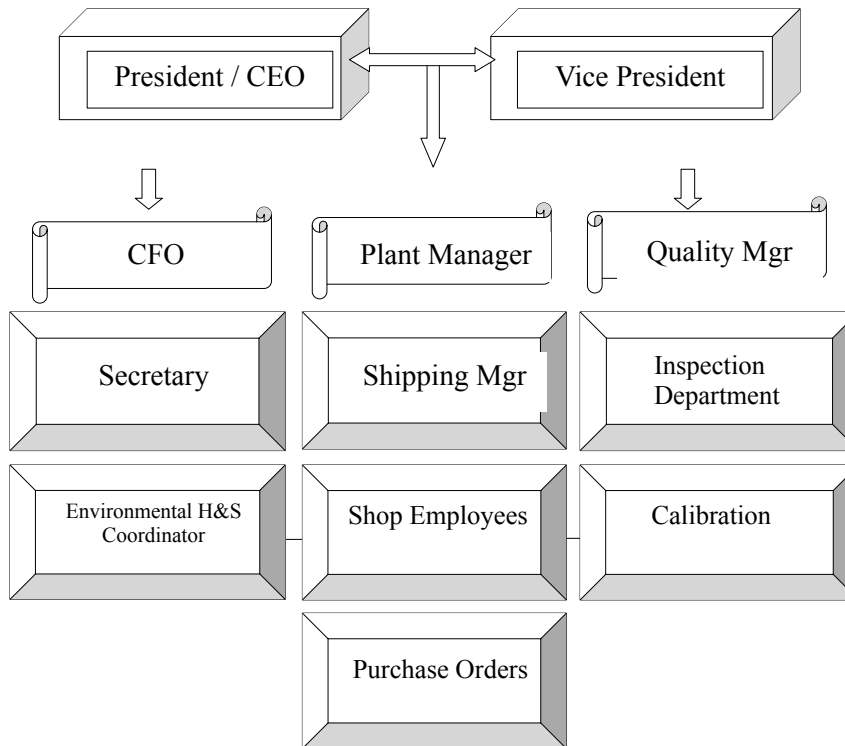
5.04.2 Quality Management System Planning

The Quality Manager/President of Legacy Manufacturing is responsible for maintaining the Quality System Procedures. Legacy Manufacturing's President will appoint someone for the maintenance of the Procedures and Work Instructions relative to their assigned activities. The Quality Department is responsible for organizing, controlling, and maintaining the Quality System under the direction of the Legacy Manufacturing President.

5.05 Responsibility, Authority and Communication

5.05.1 Responsibility and Authority

As shown below.



5.05.2 Management Representative

The Quality Manager of Legacy Manufacturing will ensure all processes needed for the Quality Management system are established, implemented and maintained

- LQP-08 Training
- LQP-07 Internal Quality System Audits
- LQP-05 Corrective Action/ Prevented Action

5.06 Management Review

Legacy Manufacturing's management performs a review of the status and effectiveness of the Quality Program once a year.

6.0 Resource Management

6.01 Provision of Resources

Legacy Manufacturing provides resources to:

1. Implement and maintain the Quality Management System and continually improve its effectiveness.
2. To enhance customer satisfaction.

6.02 Legacy Employee Raining

Legacy Manufacturing will ensure all personnel performing work on products that could affect product quality are competent on the basic of appropriate education, training, skills and experience.

6.02.1 Qualified Employees

Legacy Manufacturing is responsible for ensuring that all employees are qualified to perform their jobs as specified in the LQP listed below.

- LQP-08 Training

6.02.2 Machine Operators

Management of Legacy Manufacturing is responsible for ensuring that all employees are trained on the machines in which they are operating as specified in the LQP listed below.

- LQP-08 Training

6.02.3 Records of Training

President of Legacy Manufacturing will appoint someone within the management system that is responsible for ensuring that all employees are trained and records kept as required per the following LQP.

- LQP-08 Training

6.03 Infrastructure

Legacy Manufacturing determines, provides and maintains the infrastructure needed to achieve conformity to product requirements.

- Building, Work-Space and Associated Utilities.
- Transportation
- Hardware
- Supporting Services

6.04 Work Environment

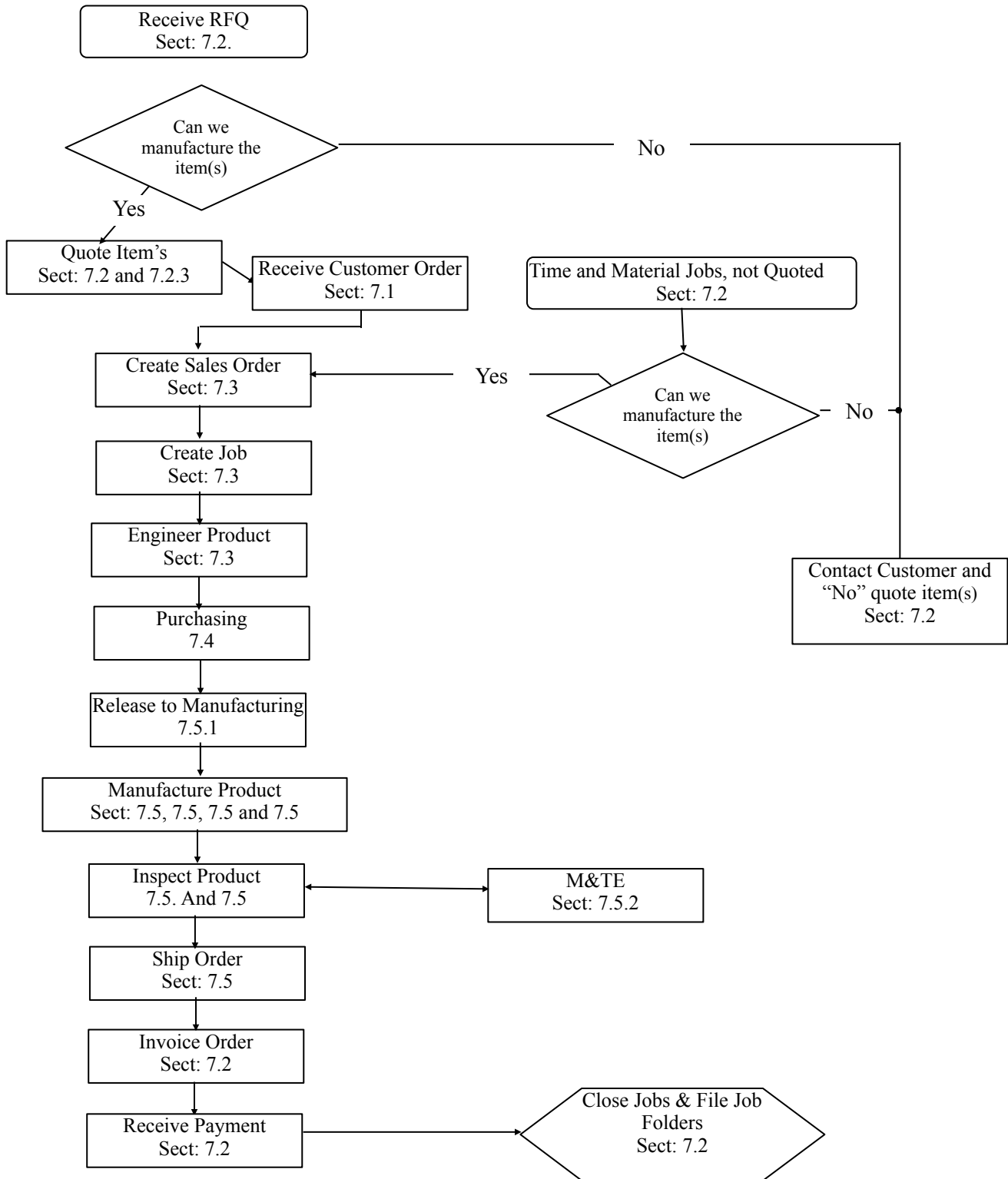
Legacy Manufacturing provides and manages a work environment needed to achieve conformity to product requirements.

7.0 Product Realization

7.01 Planning of Product Realization

This Quality Program Procedure with other related Quality Manual Procedures, comprise the quality plan used to ensure that processes for product realization are adequate. This planning includes determining the following:

- Quality objectives and requirements for the product
- The need to establish processes, documents, and provide resources
- Required verification, validation, monitoring, inspection and test activities specific to the product and the criteria for product acceptance
- Records needed to provide evidence that the realization processes and resulting product requirements meet requirements
- Product Realization processes are depicted in the flow chart below. These processes are discussed in sections 7.2 thru 7.6.



7.02 Customer Related Processes

Customer related processes begins with receiving an RFQ or a request to make T&M parts and includes all the processes depicted on the above flow chart down to where “Engineer Product” begins. These processes ensure the following:

- Requirements related to the product are determined, including those specified by the customer, not stated but necessary, and statutory and regulatory requirements.
- Requirements are reviewed to ensure that products requirements are defined and order requirements are resolved to see if Legacy Manufacturing has the ability to meet the defined requirements.
- Customer communication in relation to product information, enquiries, and customer feedback is established.

The following LQP controls these processes.
LQP-09, Customer orders

7.03 Design

At this time Legacy Manufacturing does not perform Engineering Design of producing only manufacturing as per customer requirements listed on P.O. and drawings

7.04 Purchasing

The purchasing process is included in the “Purchasing” process depicted in the above flow chart. This process ensures the following:

- Purchased product conforms to specified purchase requirements
- Purchasing information describes the product to be purchased.
- Any verification requirements to ensure purchased product meets purchase requirements are established and implemented.

The following LQP controls this process.
LQP-11 Purchasing

7.05 Product Production

7.05.1 Control of Product Production

Legacy Manufacturing’s production processes include “Release to Manufacture” through “Customer Order” depicted in the above flow chart. These processes ensure that production is carried out under controlled conditions to ensure the following:

- Information is available that describes the product.
- Written instructions and procedures are available as needed.
- Suitable equipment, including monitoring and measuring devices, is available.
- Monitoring and measurement is implemented as needed.
- The product and it’s the status with respect to monitoring and measurement is identified including any traceability requirements.
- Customer product is identified and protected.
- Processes used for production are validated where the resulting output cannot be verified by subsequent monitoring or measurement.
- The conformity of the product is preserved during internal processing and delivery.

The following LQP’s controls these processes:

- LQP-16 Process Validation
- LQP-01 Instructions & Procedures & Drawings

- LQP-03 Manufacturing

Additional controls for machining of nuclear parts are identified separately in each written instruction or procedure as per the Quality requirements listed in the Customer PO.

7.05.2 Control of Monitoring and Measuring Devices

The process used to control monitoring and measuring devices is included in the "Calibration of tool-gauges" process depicted in the above flow chart. This process ensures that measuring equipment is:

- All tools/gages used for inspecting any product on a customer order will be calibrated or verified at specified intervals, or prior to use, against measurement standards traceable to international or national standards; and where no such standards exist, the basis used for calibration or verification is recorded.
- Adjusted or re-adjusted as necessary
- Identified to enable the calibration status to be determined.
- Safeguarded from adjustments that would invalidate the measurement result.
- Protected from damage and deterioration during handling, maintenance and storage.
- LQP-04 controls the Calibration of Tools/gages

Note: Legacy Manufacturing will send out what they say is there grand master standard to be used for calibrating in-house tools/gages to an a2L calibration lab.

8.0 Measurement, Analysis and Improvement

8.01 Monitoring and Measurement

8.01.1 Customer Satisfaction

Legacy Manufacturing will monitor and review information relating to customer perception as to whether Legacy Manufacturing has met customer requirements.

- Legacy Manufacturing will send out an email once every 3 months to its Customers asking them to rate Legacy Manufacturing as a vendor for their services. The returned email results from Legacy Manufacturing's customers will be printed out and the president will hold a company-wide meeting to go over each rating from the customer to improve customer satisfaction. Minutes will be recorded of each meeting and saved in the company training folder.

8.01.2 Internal Audits

Legacy manufacturing will conduct internal audits at planned intervals to determine whether the quality management system conforms to the requirements of this Quality Manual as per the LQP listed below.

- QP-07 Internal Quality System Audits

8.01.3 Monitoring and Measurement of Processes

Legacy Manufacturing will monitor and measure the characteristics of the product to verify that product requirements have been meet. This is carried out at appropriate stages of the product realization process in accordance with the following LQP'S (Quality Procedures)

- LQP-13 Incoming Inspection/Final Inspection/First Article Inspection
Process Control Inspection (Sampling Plans)
- LQP-14 Interim Changes
- LQP-02 Manufacturing

8.01.4 Control of Nonconforming Product

Legacy Manufacturing will ensure that product in-which does not conform to product requirements, is identified and controlled to prevent its unintended use or delivery.

This is carried out in accordance with the following LQP'S (Legacy Quality Procedures)

- LQP-04 Nonconformance Materials
- LQP-05 Corrective/Preventive Action
- LQP-14 Interim Changes

8.01.5 Corrective Action

Actions are taken to eliminate the cause of nonconformances in order to prevent recurrence. This is done to the guide lines of the LQP listed below

- LQP-05 Corrective/Preventive Action
Note: This may be done either by adding controls or Instructions to Job-travelers or Special Note on prints

8.01.6 Preventive Action

Actions that are taken to prevent a nonconformance in order to ensure that Customer requirements are met.

- This may be performed by means of adding a station employee sample check and documented as a note section attached to the Job Traveler or Print.
- May be performed by means of special training.