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# PROCESS FLOW CHART

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## LEGEND

**PC:** Preventive Control  
**CP:** Control Point  
**CCP:** Critical Control Point

## Supply Chain Preventive Control

- Supply Chain Verification **PC/CP**
- Supplier Food Safety Protocols
- 3rd Party Audit Reviews
- Approved Supplier Documentation
- PCQI Verification

## Sanitation Preventive Control

- cGMP & Hazard Analysis
- SSOP Pre Checklists **PC/CP**
  - Pre-Op
  - Operational
  - Warehouse 1 & 2
- Hygienic Zoning
  - ATP Limit of <10 RLU
  - Quarterly EMP
  - PCQI Verification

## Pre-Production - PC/CP

- Allergen Preventive Control: Label Development
- Hazard Analysis & Preventive Controls Determination
- Calibration
- Labeling: date Code/Best By/UPC/Lot Code
- PCQI Verification/Validation

## Quality Control - PC/CP

- Allergen Preventive Control: Receiving
- HOLD & Positive Release
- Microbiological Pathogen/Gluten Testing
- PCQI Verification

## PROCESS PREVENTIVE CONTROLS

4-Part Cleaning Station

### Vibrating Sifter / Separator

### Rare Earth Magnet

- Pull: 3-18 lbs **PC/CP**

### Optical Laser Color Sorter

- Compressed Air **PC/CP**
- Calibrated to BRC Standards  
PWO ( $\leq 6,000 / \leq 40 / \leq 0.01$ )  
ISO equivalent 2:2:1
- SSOP Checklist **PC/CP**
- PCQI Verification

### Free-Flow Metal Detection

Operational Limit **PC/CP**

- Stainless Steel
  - Grains / Beans – 2.0 mm
  - Seeds – 1.0 mm
- Ferrous
  - Grains / Beans – 2.0 mm
  - Seeds – 1.0 mm
- Non-Ferrous
  - Grains / Beans – 2.0 mm
  - Seeds – 1.27 mm
- Cleaning Log: Vibrating Sifter/  
Magnet/Sorter/Metal Detection
- PCQI Verification & Validation

## Quality Control

- Verification & Validation
  - Calibration
  - Product sampling & testing
  - Monitoring CA & Records
- PCQI Oversight

## Metal Detection

- Bulk Critical Limit **PC/CCP #1**
- Ferrous 2.5mm
  - Non-Ferrous 5.5mm
  - Stainless Steel 5.556mm
  - Production Logs
  - PCQI Verification & Validation

## Industrial Production

## Inventory

- Allergen Control & Cross Contamination Prevention **PC/CP**
- FIFO Rotation
- Physical Inventory
- Cycle Count

## Bulk Sales

## Order Fulfillment

## Shipping

- Allergen Declaration **PC/CP**
- CST, Photos, Invoice Packet
- PCQI Verification

## Retail Production

## Metal Detection

- Operational Limit **PC/CP**
- Ferrous 1.5mm
  - Non-Ferrous 1.2mm
  - Stainless Steel 1.8mm
  - Production Logs
  - PCQI Verification

## Quality Control

- QC Production Inspection Report
- FSMA Mitigation Activity Report
- PCQI Verification

## Shipping

- Allergen Declaration **PC/CP**
- CST, Photos, Invoice Packet
- PCQI Verification

## Order Fulfillment

## Retail Direct and Food Service Sales

## Inventory

- Allergen Control & Cross Contamination Prevention **PC/CP**
- FIFO Rotation
- Physical Inventory
- Cycle Count

Refer to the 'Decision Tree' form for product cleaning.

Our critical limit is a scientifically based value to which a biological, chemical or physical parameter is controlled at a critical control point (CCP) to prevent, eliminate or reduce the occurrence of a food safety hazard. Our limits and criteria are derived from sources such as regulatory standards and guidelines, literature surveys, experimental results, and experts.