



# PFMEA Template

21 Apr 2023 / Blake Folley

Complete

Score	<b>61.29%</b>	Flagged items	<b>0</b>	Actions	<b>0</b>
<b>Item Name (process, product, or service)</b>	Food Production				
<b>FMEA Team</b>	Blake Folley - Quality Manager; George Collins - Customer Experience Head; Jace Thompson - Manufacturing Plant Supervisor				
<b>Prepared by</b>	Blake Folley				
<b>Conducted on</b>	21.04.2023				
<b>Revision #</b>	2				

## Inspection

61.29%

List each item functions by clicking the '+' symbol below. Read questions carefully, and accurately provide the answers.

## Process Step, Variable, or Key Input

61.29%

### Process Step, Variable, or Key Input 1

61.29%

#### What is the process step?

Loading products into the machinery line/production line

#### In what ways can the Process Step, Variable, or Key Input go wrong? (chance of not meeting requirements)

Boxes or bottles may slip, dash, or get damaged as they travel along the conveyor

#### What is the impact on the Key Output Variables (customer requirements) or internal requirements?

This will delay reaching our production quota which can affect our delivery schedules. It can also cause injuries to workers and damage to facility equipment.

See attached file for reference on our ideal production quota.

[Production Quota \[2023\].pdf](#)

#### How Severe is the effect to the customer?

**6**  
From 1 to 10

#### What causes the Key Input to go wrong? (How could the failure mode occur?)

Machinery malfunction, Operating machinery in the wrong settings

#### How frequent is the cause likely to Occur?

**4**  
From 1 to 10

#### What are the existing controls that either prevent the failure mode from occurring or detect it should it occur?

- Pre-operation checks on machines
- Proper PPE for employees
- Regular maintenance schedule for machinery
- Training certifications for employees responsible for operating machinery

#### How probable is Detection of cause?

**8**  
From 1 to 10

To compute for RPN, multiply score rating you indicated for Severity, Occurrence, & Detection. Once you get the result, please fill out the field below for RPN.

#### Risk Priority # to rank order concerns

192

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**Actions Recommended**

100%

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Once all process step, variable, or key input has been assigned an RPN, fill out this section by identifying further actions.

**Does process step, variable, or key input have RPN or Severity score of 9 or 10?**

No

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Provide action by selecting "Action" located on the lower right of the field above. Provide what need's to be done, assign action to responsible person, and provide target date.

**What are the actions for reducing the Occurrence of the cause, or improving Detection? Leave 'N/A' if none needed.**

Ensure stricter reinforcement of the existing controls to help reduce the risk of increasing the OCC and DET ratings.

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**Recalculated RPN**

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Once action(s) are taken, recalculate RPN and provide result on the field below.

**What is the new RPN for this process step, variable, or key input?**

180

## Completion & Validation

### PFMEA Conducted by

Blake Folley  
21.04.2023 08:48 PST

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To be signed upon completion of actions & re-entering of new RPN.

### PFMEA Checked and Validated by



George Collins  
21.04.2023 18:27 PST

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## Media summary

[Production Quota \[2023\].pdf](#)