Food Safety Resources

INSTRUCTIONS

1. Customize each template with your brewery’s name & logo.

2. Maintain a plan for each type of potential hazard.

3. Each template includes examples of potential hazards. Add rows to include controls identified in your brewery. Remove any examples that do not pertain to your operation.

4. Detail the action plan developed to control each potential hazard.

5. Audit your processes frequently. Revise and document revisions.

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**[Brewery Name] Food Safety Plan**

Last Revision Date: [Insert brewery logo here]

**Safety Hazard: Toxicants**

**Description:** Inclusion of toxicants in beer. Toxicants are any toxic substance. Toxins are toxicants produced by living organisms, for instance: microbes, plants, or animals.

**The term toxicant also includes man-made substances.**

**Consumer Significance:** Possible short term or long term health effects.

**Sources:** Could include brewing processing aids, beer contact materials, non-traditional ingredients, pesticides, herbicides, and mycotoxins from cereal grains.

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**Monitoring**

<table>
<thead>
<tr>
<th>Brewery Process Step</th>
<th>Cause</th>
<th>Control Measure</th>
<th>What are you doing to control the hazard?</th>
<th>How are you going to monitor it?</th>
<th>How often will the control measure be checked?</th>
<th>Who will check?</th>
<th>Action Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recipe formulation and raw material sourcing</td>
<td>Plant-derived ingredients, such as herbs and other alternative materials, can have unintended physiological effects.</td>
<td>Identify if the ingredients are exempt from TTB formula requirements (TTB 2015-1). For non-exempt ingredients, the brewery is required to file the formula for approval by the TTB (27 CFR part 25.55).</td>
<td>Only use approved ingredients in product formulas.</td>
<td>Keep records of ingredients (certificates of analysis (COA’s), lot number, supplier, quantity, etc.). Keep records of ingredients, their quantities and how they were used for each batch of beer.</td>
<td>All appropriate formulas (Example)</td>
<td>Production Manager (Example)</td>
<td>All appropriate formulas (Example)</td>
</tr>
</tbody>
</table>