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Fishbone Diagram Template

What is Fishbone Diagram Template?

A Fishbone Diagram, also known as an Ishikawa diagram or cause-and-effect diagram, is a tool used in problem-solving and quality control to identify the root causes of a specific problem or issue. It's called a "Fishbone" because its shape resembles a fishbone, with the main branches representing various categories of possible causes.

The Fishbone Diagram template typically consists of:

1. **Problem Statement:** The main problem or issue being addressed.
2. **Main Causes (Long Bone):** Major categories of potential causes, such as:
 - Man (human error)
 - Machine (equipment or technology failure)
 - Materials (raw materials or components)
 - Methods (process or procedure issues)
 - Measurements (inadequate data collection or analysis)
 - Mother Nature (environmental factors)
3. **Sub-Causes (Ribs):** More specific and detailed causes within each main category.
4. **Root Causes (Head of the Fish):** The underlying, most fundamental reasons for the problem.

The process of creating a Fishbone Diagram involves:

1. Brainstorming: Identify all possible causes related to the problem statement.
2. Categorization: Group similar causes into main categories (long bone).
3. Sub-categorization: Further break down each main category into more specific sub-causes (ribs).
4. Identification of Root Causes: Determine the underlying reasons for the problem, which should be addressed to resolve the issue.

Fishbone Diagrams are useful in various industries and applications, such as:

- Quality control and improvement
- Troubleshooting and fault analysis
- Process optimization and lean manufacturing
- Risk management and mitigation
- Problem-solving and decision-making

By using a Fishbone Diagram template, you can systematically identify and address the root causes of problems, leading to more effective solutions and improved outcomes.

[problem](#), [quality](#), [problem](#), [solving](#), [methods](#), [qpm](#), [mma](#), [mm](#), [mmethods](#), [mother](#), [nature](#), [measurements](#), [machine](#), [man](#)

Fishbone Diagram Template

Problem Statement

Clearly define the problem:

Main Categories

1. People

○ Contributing Factors:

▪

▪

2. Processes

○ Contributing Factors:

▪

▪

3. Materials

○ Contributing Factors:

▪

▪

4. Equipment

○ Contributing Factors:

▪

▪

5. Environment

○ Contributing Factors:

▪

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6. Management

◦ Contributing Factors:

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Analysis

Brief summary of findings and analysis:

Next steps or actions to take:



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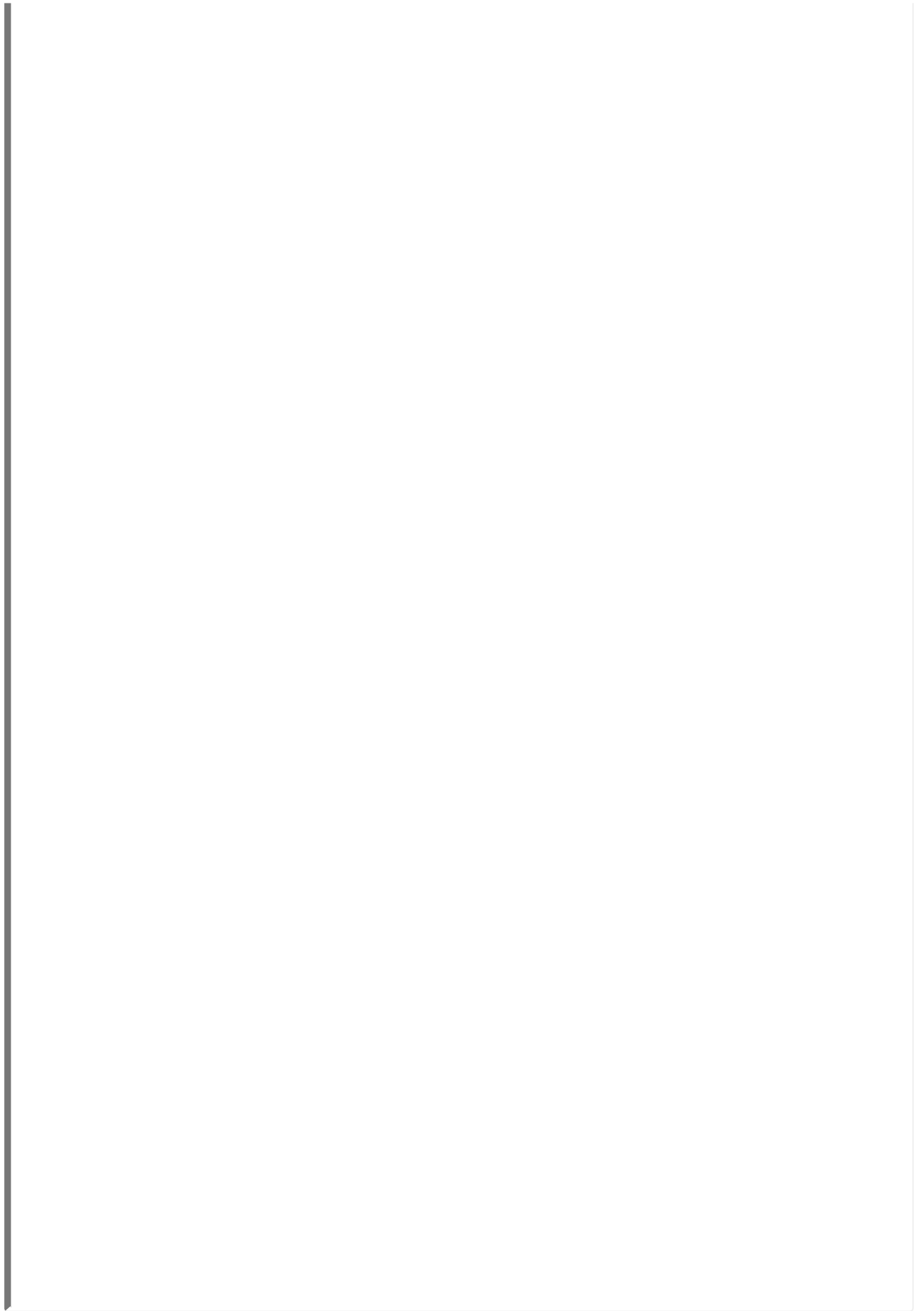
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