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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:
     -

6. **Management**
    - Contributing Factors:
        -
        -

Analysis

Brief summary of findings and analysis:

Next steps or actions to take:

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