Problem solving guide



Procedure for recurring problems of major importance

Problem definition - 6W and W-not What / Where / Who 70% of The coffee is Late arrival for meetings The team in section employees in too bitter B is satisfied with as coffee is fetched from section A the coffee there elsewhere → 40 min per day in total No complaints about the coffee in Lack of attention → Tea kitchen at Processing time per case the canteen section A increased by 10% Tea in section A is Since Monday unchanged How, how much, Employees go to the café outside the Actions taken so far plant during the 4 cups of Coffee does break Coffee machine cleaned coffee per not taste good person per day

Note:

- Observe the actual state without making assumptions.
- Describe the process.
- Record data (requirements).
- Record as much information as possible in the first report.
- Good documentation and easy access to previous solutions are key to avoiding duplication of effort.

Note

- The overall goal is the starting point for sub-goals.
- It is better to have several concrete goals than one unclear goal.

Definition of objectives

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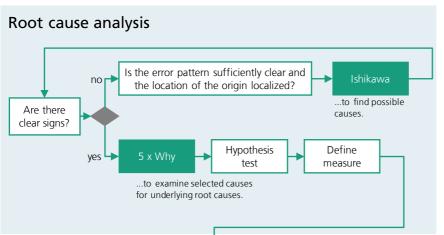
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T

Specific Measurable

Achievable

Relevant Timely



Note:

- If the cause is already clear → go straight to implementation
- Stay pragmatic and don't try to test every idea if it's not absolutely necessary.
- If it becomes absurd, stop for a moment and consider whether the end of the analysis step has been reached.
- With Ishikawa, quantity is more important than quality.
- Do not allow stubborn ways of thinking, but challenge them to think in new ways.

Note:

- If there are several actions, determine a reasonable sequence.
- Effectiveness can only be verified if the objectives are well defined.

Implementation & effectiveness monitoring

Implement Check effectiveness

Standardize Identify new best practice the new standard Make best practice the new standard

Note:

- Can the solution also be useful elsewhere?
- Also think about transferability to areas outside of production.

Do you still have questions or need company-specific adaptations? Please contact us!

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