

COMPANION WORKSHEET PACK

Quality Control Systems

Consistent Quality Is the Result of a System, Not Inspection

9 Worksheets · 3 Categories · A4 Print-Ready

High-Volume · Niche-Search · Specific-Case

PT Hibrkraft Kreasi Indonesia · hibranwar.com

PART 1

High-Volume Worksheets

Universal worksheets — what most operators reach for daily or weekly. Run these on a regular cadence regardless of business size or stage.

Weekly First-Time Pass Rate Tracker

Calculated from IPQC and final inspection records. One row per production day.

Calculated from IPQC and final inspection records. One row per production day.

DATE	UNITS PRODUCED	UNITS PASSED FIRST INSPECTION	UNITS REWORKED	FPY % (PASSED ÷ PRODUCED)

1. Plot the FPY column across the week. Is the trend flat, rising, or falling? A drop of more than 3 percentage points from Monday to Friday without a known cause is a signal — not a crisis, but a process condition worth investigating before next week.

2. Which day of the week had the lowest FPY? Was it Monday (startup effect), a shift handover day, or after a material delivery? The pattern across four weeks usually points to one structural cause.

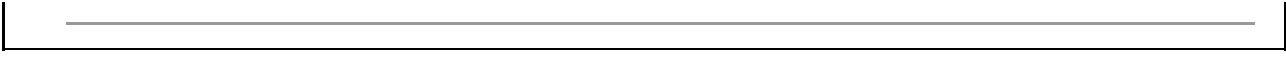
PART 2

Niche-Search Worksheets

Rare-situation worksheets — high value when the situation hits. Run these only when the trigger appears, but keep them findable.

Root-Cause Analysis Fishbone — Chronic Defect

For defects that have appeared in three or more consecutive monthly Pareto reports without permanent resolution. Run as a 90-minute cross-functional session.



PART 3

Specific-Case Worksheets

Pre-framed scenarios — each worksheet walks you through a single, concrete situation. Read the scenario, then fill in your version of it.

Defect Rate Jumps 4x in One Week

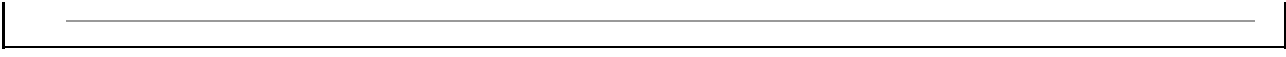
Scenario: your weekly FPY drops from roughly 95% to below 80% in a single production week. No obvious machine failure, no operator change. The jump is large enough that it cannot be random variation. This worksheet structures the investigation before you spend money or make accusations.

Major Customer Complaint About a Batch Shipped 3 Weeks Ago

Scenario: a significant customer contacts you about a quality problem with a shipment from three weeks ago. By this point the batch is partially sold through or used. The window for straightforward product replacement has closed. The relationship and the next order are at risk.

New SKU Requires a Sampling Plan from Scratch

Scenario: you are launching a product line not previously manufactured. No historical defect data exists for this SKU. You need to establish IQC specs for incoming materials, an IPQC control point for the critical process stage, and a final inspection sampling plan — all before the first production run.



Companion to:

Quality Control Systems — Consistent Quality Is the Result of a System, Not Inspection

by Ibrahim Anwar

PT Hibrkraft Kreasi Indonesia

hibranwar.com