



Process capability — 128 points and three costed plans

LINDBERGH FORMATION — 16 rue de Maillé, 91310 Montlhéry, France · Companies register (RCS) Evry
817 946 114

Document issued on 24/09/2026

Calculated continuously, no longer twice a year on 22 points · fictional document

Fictional document — demonstration example

This document is produced by the Blue Lemon Agent website to illustrate what an AI agent hands to its users. The companies, matters, amounts and people in it are invented. It has no legal, accounting or commercial value.

Fictional document, produced for the demonstration. **Process capability measures how well a process holds its range:** it compares the real spread of the parts produced with the width of the permitted range. The threshold used is the one set by the plant's quality department.

The state of the 128 points

Situation	Points	Distribution
Above the threshold used	125	All four presses
Below the threshold	3	All three on press 1

The three points below, and what has already been done

Point	Cause identified	Action	Measured result
Two pressure points	Same injection screw	Valve replaced on the 14th	Back above the threshold within 9 days
One melt temperature point	Hopper control loop	Two costed routes: retune the loop, or replace the probe at €340	For the production manager to settle

What continuous calculation changes

Measure	Before	After
Points covered	22	128
Frequency	Twice a year, by hand	Continuous
Availability for a customer	To be prepared	On the date of their choosing, readings behind it

Why this is a renewal argument: customers demand this measure in the contract. **Producing it across 128 points, on the date of their choosing and with the readings behind it, puts the plant in a position a competitor cannot hold with a spreadsheet.**

The handover to the quality follow-up agent

Step of a non-conformity	Who runs it	What is already ready
Assembling the measurement file	The supervision agent	Complete, time-stamped, with the range applied
Root-cause analysis	The quality department	The comparable cases and their recorded causes

Step of a non-conformity	Who runs it	What is already ready
Effectiveness check	The quality department	The return-to-target measurement, continuously

For the quality department to settle: route chosen for the third point (retune the loop or replace the probe): _____

Scope of this document: the service operated by Blue Lemon Agent. For an agent deployed at your premises, the applicable location is that of the architecture set out in the quotation and verified before commissioning; local execution is announced only for the configuration explicitly described and accepted in the quotation; the applicable isolation depends on the deployment mode set out in the quotation, no dedicated isolation being presumed; the encryption mechanisms in transit and at rest, their components and key management are those documented for the architecture chosen; roles and permissions are configured and accepted for the identities and systems actually connected; the events logged, their content, their retention period and who may access them are defined for the deployment chosen.