Cost of scrap — what slow drifts weigh

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Document issued on 09/11/2026

€86,600 a month, of which €53,700 recoverable · fictional document

Fictional document — demonstration example

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Fictional document, produced for the demonstration. **The fully loaded cost used is the one from the plant's management accounting: €1.90 a part, materials, machine and labour included.** No figure on this page comes from anywhere but the scrap tickets.

The calculation, line by line

Element	Value	Source
Parts made per month	2,400,000	MES
Scrap rate	**1.9 %**	Scrap tickets
Parts scrapped per month	**45,600**	—
Fully loaded unit cost	€1.90	Management accounting
Monthly cost	**€86,600**	—
Annual cost	**€1.04 m**	—

The share recoverable through early detection

Reason written on the scrap ticket	Share	Monthly cost
Slow drift — visible in the readings before the part	**62 %**	**€53,700**
Sharp incident — stoppage, breakage, abrupt material defect	38 %	€32,900

What early detection shifts, beyond the scrap bin

Consequence	Detection at 4 h 20	Detection at 11 minutes
Possible treatment	Batch sort	**Setting change on a running press**
Sorting hours per month	**11 h**	**Returned to production**
Parts involved per event	5,400	**230**

Proposed starting scope: the two presses running seven days a week — **they are the ones producing during the hours least covered by review.**

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https://bluelemonagent.ai/en/entreprises/cas-usage/agent-de-supervision-qualite-production

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