Gold Stock Count and Manufacturing Loss

Does your count match the book, and is workshop loss within your limit?

1 Monthly stock count: 6 steps

1. Close the ledger and note the book balance for each karat.
2. Gather all the gold and sort it by karat and category (bars, gold pounds, rings, bracelets, chains, scrap).
3. Weigh each category on a calibrated scale; note the number of pieces and the weight.
4. Turn weights into pure grams × (0.999 / 0.875 / 0.75).
5. Compare the count with the book: the difference in grams and in EGP (at today's buy price).
6. Write a reason for every difference above the tolerance you set (0.5 g in the example).

2 The loss formula

Loss (g) = gold handed over − pieces received

Loss % = loss ÷ gold handed over × 100

The allowed difference and the allowed loss are yours to set and type in (the sheet does not suggest a figure).

3 Count by category: the grey rows are an example

Category	Karat	Pieces	Weight (g)	Pure grams
Example Bars	24K	6	30	29.97
Example Gold pounds	21K	10	80	70
Example Rings	21K	40	160.25	140.22
Example Bracelets	21K	12	150.4	131.6
Example Chains	21K	25	210.8	184.45
Example Rings	18K	30	95.5	71.63
Example Chains	18K	15	60.2	45.15
Example Scrap	21K	8	45.3	39.64

4 Count against the book

Karat	Counted (g)	Book (g)	Difference (g)	Difference EGP	Status
Example 24K	30	30	0	0.00	Matches
Example 21K	646.75	647.5	-0.75	-4,620.19	⚠ Difference above limit
Example 18K	155.7	155.7	0	0.00	Matches

Example The EGP difference uses the buy price (3 Nov 2026): 21K 6,160.25. Difference = actual count − book balance (total weight of the karat).

5 Workshop loss table

Workshop	Date	Karat	Given	Received	Loss	%
Example Al-Hussein workshop	2026-10-05	21K	500	489	11	2.20%
Example Al-Hussein workshop	2026-10-12	21K	300	295.2	4.8	1.60%
Example Al-Nour workshop	2026-10-19	18K	200	195.4	4.6	2.30%
Example Al-Nour workshop	2026-10-26	21K	400	393	7	1.75%

Example Total handed over 1,400 g, received 1,372.6 g, loss **27.4 g** = **1.96%** (alert limit in the example 2%: 2 jobs above it).

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