PPE Cost Tracker

How-to guide: what the workbook does, how to use it and what every number means. mfgcalcs.com

PPE Cost Tracker

Track what PPE costs each department once labour, storage and disposal are added to the purchase price, per item issued and per employee, against your budget.

For: EHS managers, safety coordinators, plant controllers and stores teams budgeting and tracking personal protective equipment.

Version 1.0.0 · updated 11 November 2026

Quick start

1. On Setup, type your site, period and currency, and list your PPE items with their category and unit price.
2. On Departments, give each department a row: employees covered, fitting and distribution labour, overhead and disposal, and budget per employee.
3. On Issues, give each department and item a row with the units issued in the period. Fix anything the Check columns name.
4. Open the Dashboard: cost per employee against budget by department, and where each department's PPE money

What is in the workbook

Start Here	Read this first: what the workbook does and how to use it.
Setup	Site, period, currency, the near band, and the PPE items with their category and unit price.
Departments	One row per department: employees, labour, overhead and budget in; total, per unit and per employee out.
Issues	One row per department and item: units issued in the period in; item cost out.
Dashboard	PPE cost per employee against budget for every department, and what each department's PPE costs.
Method	How every number is calculated, with assumptions, limits and sources.
Verify	Self-check: the workbook's formulas recomputed on fixed inputs against an independent reference.

What each number means

Quantity	How it is calculated	Units
Item cost (issue)	Units issued x unit price.	currency
Units issued and item cost (department)	The department's issues, added up.	units, currency
Average item price	Item cost / units issued.	currency

Quantity	How it is calculated	Units
Total PPE cost	Item cost + fitting labour + overhead and disposal.	currency
Cost per unit issued	Total PPE cost / units issued.	currency
Cost per employee	Total PPE cost / employees covered.	currency
Gap to budget and over budget	Cost per employee - budget per employee; cost per employee / budget - 1.	currency, %
Status	On target within budget; Near target up to the near band over it; Above target beyond.	-

Assumptions, limitations, sources and the self-check (the Verify sheet, which recomputes the workbook's formulas on fixed test inputs) are in the workbook. The last page shows the Dashboard with the example data for Ravenhill Metals, a fictional business.

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Engineering estimates for planning and improvement work. Verify the results against your own process, data and standards before you rely on them.

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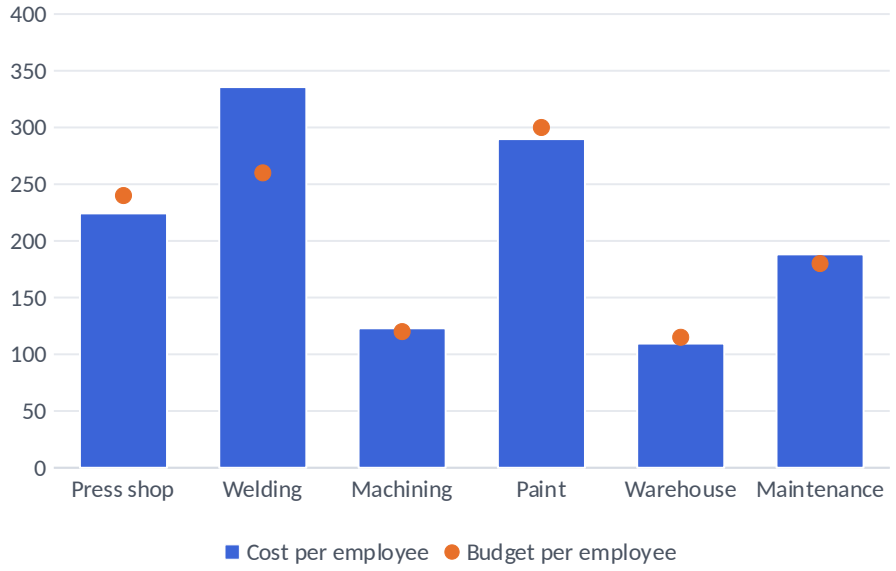
PPE cost per employee against budget for every department, and what each department's PPE costs.

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Ravenhill Metals (example), Q3 2026: 6 departments, 155 employees, 12 PPE items. Amounts in USD.

TOTAL PPE COST (USD)	COST PER EMPLOYEE (USD)	UNITS ISSUED	DEPARTMENTS OVER BUDGET
31,854	**205.51**	**2,878**	**1**
Items, labour, overhead and disposal	All departments	Rows on Issues	More than the near band over

Cost per employee against budget



What each department's PPE costs

