

Schedule Attainment Tracker

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

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Schedule Attainment Tracker

Log what each line was scheduled to build and what it built, item by item, and see schedule attainment with each item capped at its plan, the misses and their reasons, by day, line and item.

For: Production planners, schedulers, supervisors and plant managers who review whether the plan was met in the daily production meeting.

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Quick start

1. On Setup, type your plant name and attainment target, then replace the example lines, items and miss reasons.
2. Each day, add one row per line and item: the planned units and the good units actually completed.
3. When an item falls short, pick the miss reason; the Check column asks for it.
4. Open the Dashboard: filter by line or dates, compare schedule attainment with volume attainment, and read which reasons cost the most units.

What is in the workbook

Start Here	Read this first: what the workbook does and how to use it.
Setup	Plant name, the attainment target, and the line, item and miss-reason lists.
Schedule Log	One row per line, day and item: the planned units, the good units completed, and why an item fell short.
Dashboard	Schedule attainment against your target, where the plan was missed and why, for the line and dates you choose.
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
Credited	MIN(actual, planned): the units that count toward the plan.	units
Short	MAX(0, planned - actual).	units
Over plan	MAX(0, actual - planned): built beyond the plan, not credited.	units
Schedule attainment	Credited / planned. Over several rows: sum of credited / sum of planned.	%

Quantity	How it is calculated	Units
Volume attainment	Sum of actual / sum of planned, not capped. The Schedule Attainment Rate calculator's ratio on one total.	%
Hit and items on plan	Hit = 1 when actual >= planned. Items on plan = sum of hits / schedule lines with a plan.	-
Status	On target at or above the target on Setup, Near target within 5% below it, Below target otherwise.	-
Pareto	Units short summed by miss reason, ranked by COUNTIF ranks with share and cumulative share. Hidden helper columns AO:AQ hold the unsorted values and ranks.	units, %
Dashboard roll-ups	SUMIFS over the Schedule Log restricted to rows whose View date is filled in (inside the line and date filters).	-

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 Halden Valve Components, 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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Line

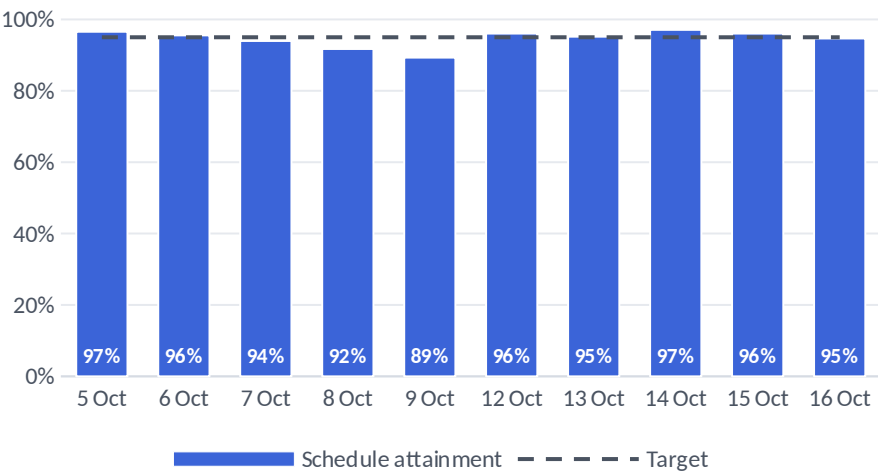
From

To

Halden Valve Components (example): 80 schedule lines in view. Leave the filters blank to include everything; dates are inclusive.

SCHEDULE ATTAINMENT	VOLUME ATTAINMENT	ITEMS ON PLAN	UNITS SHORT
94.6%	96.5%	36.3%	313
Target 95.0%	All units built over all planned, not capped	Share of schedule lines that made their plan	Planned units not built
Near target			

Schedule attainment by day



Schedule vs volume attainment by line

