Prayag Production Analytics
Mould Age-in-Efficiency
Period: Last updated: 12-06-2026

Data Confirmation
■ 20 flag(s)

Completeness: 8/10 files · 48/55 machines · 2/2 months

The data load is mostly complete at 8 of 10 files and 48 of 55 machines, but two workbooks returned no data at all for their respective periods, HDPE for June and Tanks for May, so those sections should be checked to confirm the source files are correctly populated and accessible. Utilisation and efficiency figures are unavailable across PIPE, MOULDING, GARDEN, and TANK for both months because planned-hours baselines are missing for PIPE and MOULDING, and the GARDEN and TANK files do not record run hours in a compatible format, meaning only output numbers can be relied upon from those areas. Seven PTMT machines are flagged as outliers with outputs ranging from near zero to over eleven times the group median, so the actual production counts for PTMT 80-5, 125-1, 150-2, 350-1, 350-2, 450-1, and N-200A should be verified against physical records before those figures are used in any performance reporting.

- **[Completeness]** HDPE — No data read from HDPE daily (2026-06) — workbook returned nothing for this period.
- **[Completeness]** TANK — No data read from Tanks daily (2026-05) — workbook returned nothing for this period.
- **[Completeness]** PTMT — PTMT: 7 of 55 roster machine(s) had no run in this window (PTMT 130-TON, PTMT 150-6, PTMT 250-3, PTMT 80-2, PTMT Blow Mould 1, PTMT Blow Mould 2, PTMT GRINDER-2 (S)) — normal for a short window, but flagged so a never-reporting machine is visible against the full roster.
- **[Completeness]** Month 2026-06 is the current period and still in progress — partial or no data is expected.
- **[Reconciliation]** PIPE 2026-05: 7 of 7 machine(s) have no planned-hours baseline — run hours + output are shown but utilisation/efficiency are hidden.
- **[Reconciliation]** MOULDING 2026-05: 24 of 24 machine(s) have no planned-hours baseline — run hours + output are shown but utilisation/efficiency are hidden.
- **[Reconciliation]** PIPE 2026-06: 7 of 7 machine(s) have no planned-hours baseline — run hours + output are shown but utilisation/efficiency are hidden.
- **[Reconciliation]** MOULDING 2026-06: 24 of 24 machine(s) have no planned-hours baseline — run hours + output are shown but utilisation/efficiency are hidden.

…and 12 more issue(s) — see the in-app Data Confirmation page.

OEE	0.0%
Availability	0.0%
Performance	0.0%
Quality	0.0%
Total Output	5,484
Rejection %	0.00%
Plan Attainment	0.0%

Management Commentary
Mould Age-in-Efficiency analysis covering 50 mould records shows an overall utilisation rate of 28.9%, meaning moulds are running for less than a third of available shift time, which warrants investigation into scheduling, changeover frequency, or demand-driven downtime. While all 5,483.54 units produced were accepted as good parts with zero recorded rejects, OEE and output efficiency metrics are unavailable due to missing availability and performance data, limiting a full picture of productive capacity. Priority should be given to capturing the missing planned output and availability data to enable complete efficiency benchmarking, and to understanding the root causes behind the low utilisation figure before it compounds into a broader capacity concern.

Data Confirmation — all issues

20 issue(s) in total — 0 error(s), 20 warning(s)/flag(s). Grouped by check tier; errors listed first within each tier.

Completeness (4)

- HDPE — No data read from HDPE daily (2026-06) — workbook returned nothing for this period.
- TANK — No data read from Tanks daily (2026-05) — workbook returned nothing for this period.
- PTMT — PTMT: 7 of 55 roster machine(s) had no run in this window (PTMT 130-TON, PTMT 150-6, PTMT 250-3, PTMT 80-2, PTMT Blow Mould 1, PTMT Blow Mould 2, PTMT GRINDER-2 (S)) — normal for a short window, but flagged so a never-reporting machine is visible against the full roster.
- Month 2026-06 is the current period and still in progress — partial or no data is expected.

Reconciliation (9)

- PIPE 2026-05: 7 of 7 machine(s) have no planned-hours baseline — run hours + output are shown but utilisation/efficiency are hidden.
- MOULDING 2026-05: 24 of 24 machine(s) have no planned-hours baseline — run hours + output are shown but utilisation/efficiency are hidden.
- PIPE 2026-06: 7 of 7 machine(s) have no planned-hours baseline — run hours + output are shown but utilisation/efficiency are hidden.
- MOULDING 2026-06: 24 of 24 machine(s) have no planned-hours baseline — run hours + output are shown but utilisation/efficiency are hidden.
- GARDEN 2026-05: daily file records output only (no run hours), so utilisation/efficiency are not available — output is shown.
- GARDEN 2026-06: daily file records output only (no run hours), so utilisation/efficiency are not available — output is shown.
- HDPE 2026-06: the daily report is present but no production has been recorded for this period yet.
- TANK 2026-05: production report is present but no output has been recorded for this period yet.
- TANK 2026-06: tank output is recorded per item (no machine or run hours), so utilisation/efficiency are not available — output is shown.

Plausibility (7)

- PTMT PTMT 80-5 — PTMT 80-5: output 7 is 0.1× the PTMT – Injection (standard) median (50) — looks like an outlier.
- PTMT PTMT 125-1 — PTMT 125-1: output 5 is 0.1× the PTMT – Injection (standard) median (50) — looks like an outlier.
- PTMT PTMT 150-2 — PTMT 150-2: output 6 is 0.1× the PTMT – Injection (standard) median (50) — looks like an outlier.
- PTMT PTMT 350-1 — PTMT 350-1: output 466 is 9.4× the PTMT – Injection (standard) median (50) — looks like an outlier.
- PTMT PTMT 350-2 — PTMT 350-2: output 569 is 11.5× the PTMT – Injection (standard) median (50) — looks like an outlier.
- PTMT PTMT 450-1 — PTMT 450-1: output 368 is 7.4× the PTMT – Injection (standard) median (50) — looks like an outlier.
- PTMT PTMT N-200A — PTMT N-200A: output 5 is 0.0× the PTMT – Injection (N-line) median (113) — looks like an outlier.

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