

Refrigerant Service Log Sheet

EPA 40 CFR § 84.106 — covered appliances, 15+ lbs
refleaklog.app · one sheet per appliance

Appliance file

40 CFR § 84.106(l)(1) — keep until 3 years after retirement

Owner / Operator (l)(1)(i)

Appliance address / location (l)(1)(ii)

Appliance ID practical

Refrigerant type practical

Installation date (l)(1)(vi)

Full charge (lbs) + how it was determined (l)(1)(iii)

Method-4 range (low-high) & midpoint, if used (l)(1)(iv)

Full-charge revisions (what changed, how, when) (l)(1)(v)

Equipment category — sets the leak-rate threshold (§ 84.106(c)(2)): ☐ Comfort cooling / other (10%) ☐ Commercial refrig. (20%) ☐ Industrial process (30%)

Leak-rate calculation method (one per facility — § 84.102): ☐ Annualizing ☐ Rolling average

Service log — every installation, service, repair, or disposal

40 CFR § 84.106(l)(2)

Date of work (ii)	Part(s) worked on (iii)	Type of work per part (iv)	Person performing work (v)	Refrig. added / removed (lbs) + type (vi)	Full charge (lbs) (vii)	Days since last addition (max 365) practical	Leak rate % + method (viii)	Over threshold? (d) clock

Annualizing leak rate % = (lbs added ÷ full charge) × (365 ÷ the shorter of days since last addition or 365) × 100

Worked line: 3 lbs into a 42-lb charge, 61 days after the last addition = 3 ÷ 42 × 365 ÷ 61 × 100 = 42.7% — over the 10% comfort cooling threshold, so the 30-day repair clock starts (§ 84.106(d)). Run this math every time the appliance takes refrigerant.

Verification tests — after repairs

40 CFR § 84.106(l)(7)

Test date	Repaired leak location(s) tested	Initial / follow-up	Test method	Result (pass / fail)	Certified technician

Keep every record at least 3 years — the appliance file until 3 years after the appliance is retired (§ 84.106(l)).

Paper records are legal under § 84.106(l) — but the annualizing math, the repair clock (§ 84.106(d)), the follow-up inspection schedule (§ 84.106(g)), and the 125% chronic-leaker total (§ 84.106(j)) are all on you. Ref LeakLog runs them automatically: refleaklog.app

Free template page (Excel / CSV / this PDF): refleaklog.app/tools/refrigerant-tracking-spreadsheet — no email required.

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