

EPA 608 Universal Student exam-review checklist

Klein Cooling | Free HVAC Training Program

For students who have completed the SkillCat EPA coursework. Revisit the specific lessons below, then practice without notes. Check a topic when you can explain the rule and apply it to a new situation.

EXAM TARGET

Universal covers Core, Type I, Type II and Type III: 25 questions per section, 100 total. Prepare to pass each section separately; 18 correct out of 25 meets the closed-book passing threshold. Use fresh practice questions to check each section.

HIGH PRIORITY | Review first

SkillCat sections to revisit	Know it well enough to explain and apply
☐ Core: Regulations & Guidelines	Venting rules and exceptions; refrigerant purchase and reuse; reclamation; disposal responsibilities; important dates and when each rule applies.
☐ Core: Servicing	Recover versus recycle versus reclaim. Self-contained versus system-dependent recovery. Recovery speed, contamination control, dehydration and recharging.
☐ Core: Safety	Recovery versus disposable cylinders; fill limits; safe transport and labels; nitrogen regulator/relief protection; refrigerant exposure; PPE; flammable-refrigerant precautions.
☐ Type 1: Regulations Type 1: Recovery	Small-appliance definition. Recovery percentages and vacuum alternatives. Working versus failed compressor; recovery-equipment date; access points and refrigerant trapped in oil.
☐ Type 2: Leak Repair Type 2: Refrigerant Recovery	Choose the correct recovery-table entry using appliance category, charge size and equipment date. Explain leak detection, repair requirements, liquid-first recovery and pressure rebound.
☐ Type 2: Evacuation and Charging Type 2: Repairs and Safety	Separate refrigerant recovery from moisture removal. Explain major versus non-major repairs, charging procedures and safe compressor operation.
☐ Type 3: Introduction Type 3: Leak Detection	Recognize low-pressure chiller components and refrigerants. Explain air/moisture entering the system, purge units, leak indicators and safe leak-testing methods.
☐ Type 3: Refrigerant Recovery Type 3: Evacuation and Charging Type 3: Repairs and Safety	Explain liquid and vapor recovery, freezing precautions, pressure limits, recovery endpoint and units, vapor-before-liquid charging, and repair/safety conditions.

Complete your final review

Strong scores come from understanding the conditions attached to each rule.

MEDIUM PRIORITY | Reinforce weak areas

SkillCat sections to revisit	Know it well enough to explain and apply
☐ Core: Ozone Core: Refrigerants	Identify common refrigerant families and examples; explain chlorine/ozone, ODP versus GWP, and toxicity/flammability classes. Make this high priority if you are unsure.
☐ Core: Refrigeration Cycle Core: Equipment	Trace components, refrigerant state and high/low pressure. Classify equipment and select the appropriate certification type.
☐ Core: Refrigerant Blends Core: Refrigerant Oils	Fractionation, glide, dew/bubble points, liquid charging, retrofit versus drop-in claims; oil compatibility, miscibility, moisture and contamination.
☐ Core: Leaks Type 1: Servicing and Safety	Leak detection and standing-pressure tests; access fittings, noncondensables and burnout indicators; exposure and decomposition hazards. Move any safety weakness to high priority.
☐ Type 2: Introduction Type 3: Leak Repair	Refresh component functions and refrigerant location/state. Reinforce leak-repair rules and the differences that apply to low-pressure equipment.

LOW PRIORITY | Brief refresh if time allows

Core: Introduction and the Study Guide once you understand the exam. Keep repeated elementary chemistry, extensive chemical synonyms and exact GWP memorization secondary to refrigerant identification, handling rules and recovery procedures. No entire technical type is low priority for Universal.

WATCH THESE COMMON MIX-UPS

- ☐ Small appliance: five pounds or less, with the required factory manufacture, charging and hermetic sealing. Charge weight alone does not make every system a small appliance.
- ☐ Recovery limits: identify the appliance, equipment date, compressor condition and charge size before choosing a number.
- ☐ Units: distinguish psig, psia, inches Hg vacuum, mm Hg absolute and microns. Recovery endpoints and dehydration targets serve different purposes.
- ☐ Regulatory questions: identify the refrigerant, application and date. Ask your instructor about current updates; Section 608 and AIM Act leak rules have different scopes.

BEFORE YOU SCHEDULE YOUR TEST

- ☐ Complete fresh, closed-book practice for Core, I, II and III.
- ☐ Explain missed answers, then solve a changed example.
- ☐ Review recovery tables, cylinder safety, pressure units and low-pressure chiller procedures.
- ☐ Aim for at least 22/25 in each section on fresh practice. This is a Klein Cooling study goal, above the official passing threshold.

SkillCat short quizzes may not cover every lesson. Use your notes and instructor review to check Core Servicing, Equipment, Leaks and Safety. Follow your test provider's instructions for identification, proctoring, allowed reference materials and exam setup.

Study priorities prepared October 2026. Sources: [EPA test topics](#); [certification requirements](#); federal test standards (40 CFR Part 82, Subpart F, Appendix D).