



FAQs

AQR Section 102

Enhanced Vapor Recovery (EVR)

Abbreviations:

AQR	Clark County Air Quality Regulation
ATO	authority to operate
CARB	California Air Resources Board
DAQ	Clark County Department of Environment and Sustainability, Division of Air Quality
EPA	U. S. Environmental Protection Agency
EVR	enhanced vapor recovery
GDF	gasoline dispensing facility
GP	general permit
HA 212	Hydrographic Area 212 (Las Vegas Valley)
NAAQS	National Ambient Air Quality Standards
O ₃	ozone
ppm	parts per million
SBAP	Small Business Assistance Program
VOC	volatile organic compound

SBAP created this FAQ to help the regulated community comply with contingency measure requirements in AQR 102, "Gasoline Dispensing Facilities."

Definitions:

"GDF" means any facility, except a bulk distribution terminal, that can receive, store, and dispense one or more grades of **gasoline**.

What has changed?

On January 22, 2024, EPA reclassified the Las Vegas Valley (HA 212) from marginal to moderate O₃ nonattainment. The AQRs were amended on April 2, 2024, to outline new requirements for GDFs ([AQR 102](#)), such as including EVR on **Phase I controls** as a contingency measure. On December 19, 2024 (89 FR 103657), EPA reclassified HA 212 from moderate to serious nonattainment for O₃ effective January 21, 2025, which triggered implementation of the contingency measure.



What is EVR?

EVR is a system for GDFs to capture 98% of VOCs from the **Phase 1 components** of an underground storage tank system and 95% from an aboveground storage tank system.

Why are VOCs important?

VOCs are just one of the precursors to O₃ formation. Ground-level ozone, or smog, can have serious health implications within a population; therefore, EPA requires controls to be implemented for VOCs.

HA 212 outlined in red

When was the contingency measure (EVR) triggered?

A notification EPA issued on January 21, 2025, triggered the Phase I CARB-certified vapor recovery control standards in AQR 102.7(c)(5) for HA 212.

Who is required to install EVR?

All GDFs located within HA 212 with a total combined annual gasoline throughput of 120,000 gallons of gasoline or more in any consecutive 12-month period. EVR is not required if your facility is in an O₃ attainment area (outside of HA 212). If the designation expands to other hydrographic areas, another notification will be issued.

When must I comply with EVR requirements?

New GDFs located within HA 212 must comply with Phase I CARB-certified EVR requirements upon commencing normal operations.

Existing GDFs within HA 212 that are modifying, replacing, or installing new equipment after July 20, 2025, must install Phase 1 CARB-certified EVR components. [AQR 102.7(a)(5)]

All existing GDFs within HA 212 must be fully converted to Phase 1 CARB-certified EVR by January 21, 2027, regardless of whether they have made any modifications. [AQR 102.7(b)]

What are the approved Phase 1 CARB-certified EVR systems?

Below are links to the Phase I EVR CARB executive orders, which include approved equipment lists and system specifications:

[VR-101, Phil-Tite Phase I Vapor Recovery System](#)

[VR-102, OPW Phase I Vapor Recovery System](#)

[VR-103, EBW Phase I Vapor Recovery System](#)

[VR-104, CNI Manufacturing Phase I Vapor Recovery System](#)

[VR-105, EMCO Wheaton Retail Phase I Vapor Recovery System.](#)

Who can install the Phase 1 CARB-certified EVR systems?

Only a certified manufacturer installer can install the certified EVR system. EVR parts cannot be interchanged between systems.

How can I tell if I already have a Phase 1 CARB-certified EVR system?

Your installation contractor and/or performance testing company can help you determine the type of system that is currently installed.

What are the available ATO/GP application categories?

There are several ATO/GP application categories to choose from, depending on whether you are in an attainment or nonattainment area and on your control technology.

Attainment Status/ Control Technology	Permit Category	Maximum Throughput (gal/yr)	VOC PTE (tons/year)	Billing Category
Attainment Area: None	AA-Category 0	1,199,999	7.8	Baseline
Attainment Area: Phase I	AA-Category I-A	3,331,000	9.99	Baseline
	AA-Category I-B	6,498,000	19.49	Significant
Attainment Area: Phase I & II	AA-Category II-A	4,755,000	9.99	Baseline
	AA-Category II-B	11,900,000	24.99	Significant
Nonattainment Area: Phase I	NAA-Category I-A	3,331,000	9.99	Baseline
	NAA-Category I-B	6,498,000	19.49	Significant
Nonattainment Area: Phase I & II	NAA-Category II-A	4,755,000	9.99	Baseline
	NAA-Category II-B	11,900,000	24.99	Significant
Nonattainment Area: Phase I-EVR	NAA-Category I-EVR-A	3,385,000	9.99	Baseline
	NAA-Category I-EVR-B	6,608,000	19.49	Significant
Nonattainment Area: Phase I-EVR & Phase II	NAA-Category II-EVR-A	4,997,000	9.99	Baseline
	NAA-Category II-EVR-B	12,495,000	24.99	Significant

What if I choose the wrong category in my application?

The control technology installed at your GDF must match your issued ATO. If it does not, you must apply for the correct category as soon as you realize the discrepancy: for example, if you applied for and were issued a Phase I EVR ATO, but you realize you do not have Phase I CARB-certified EVR equipment installed.

What is the deadline for getting an EVR category ATO/GP?

All existing GDFs within HA 212 must have an EVR category ATO/GP before January 21, 2027.

For sources that do not qualify for an ATO/GP due to additional activities (e.g., a source with a GDF and an emergency generator) but currently have a stationary source permit, the deadline for obtaining a revised stationary source permit that includes the Phase I CARB-certified EVR requirements is January 21, 2027.