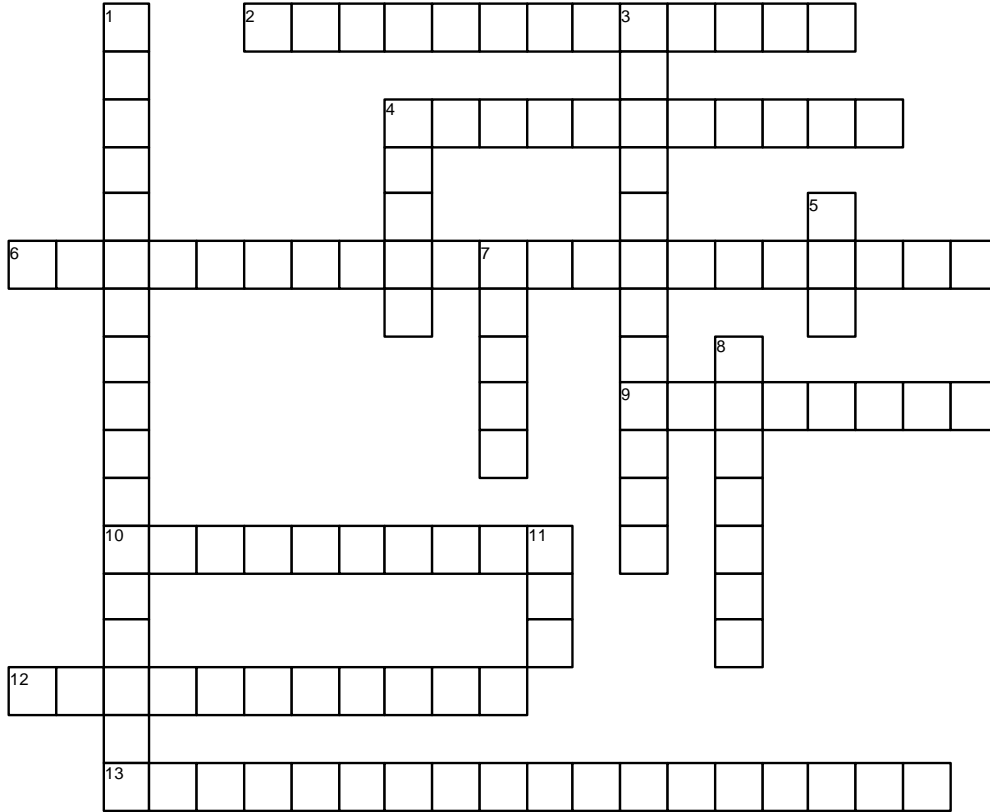


EPA Section 609 Certification

Chapter 17



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ACROSS

- 2 Chemicals such as refrigerants can contribute to _____ potential (GWP) by the depleting of the ozone layer in the upper atmosphere.
- 4 _____ causes poor cooling, poor lubricant circulation, and compressor overheating.
- 6 A _____ can indicate if refrigerants are mixed, or if refrigerant contains too much air-not required, but highly recommended.
- 9 An _____ test is given, a score of 84% or higher is required.
- 10 _____ causes high operating pressures and temperatures, poor performance, possible component damage, and system shutdown.
- 12 Any person who repairs or services a motor vehicle air-conditioning (MVAC) system for consideration (payment or bartering) must be properly trained and certified under Section 609 of the _____ by an EPA-approved program.
- 13 EPA-approved _____ and certification (TT&C) programs provide education on the proper use of MVAC servicing equipment, the applicable regulatory requirements, the importance of refrigerant recovery, as well as the effects of improper handling of refrigerants on the ozone layer and climate.

DOWN

- 1 The 609 _____ is required of any person who repairs or services a motor vehicle air-conditioning (MVAC) system for consideration of payment or bartering.
- 3 _____-_____ equipment simply removes refrigerant from a system and it does not recycle the refrigerant.
- 4 _____ requires every vehicle manufacturer to provide a standard label identifying the type and quantity of refrigerant used in the air-conditioning system and also the type of compressor oil used.
- 5 Technician training is required to ensure that recommended procedures are used for service and repair of mobile air-conditioning (MAC) systems that use various refrigerants, including _____-1234yf (R-1234yf).
- 7 _____ used for refrigerant transfer and storage must be DOT approved, and marked either "DOT 4BA" or "DOT 4BW."
- 8 An automotive service business that provides MVAC service must keep detailed _____.
- 11 The _____ recommends service practices for auto technicians who service air-conditioning systems to benefit the environment while also improving energy efficiency.