



automotive refrigerant handling certification pdf

EPA 609 Technician Certification. Section 609 certification is required for working on MVAC systems while Section 608 certification is required for working on non-motor vehicle air conditioning systems. Note that Section 608 certification is required for working on hermetically sealed refrigeration systems used on motor vehicles for refrigerated...

EPA 609 Certification - epatest.com

CERTIFICATION TRAINING MANUAL 15. Engine Pre-Heat for Refrigerant Removal Procedure. The following procedure will aid in refrigerant re- moval when the work area is cool and J2210 and J1732 recovery equipment is being used. In general if the work area is warmer than 90Â° F (32Â° C) this procedure is not required.

Certification Training Manual - MACS WorldwideHome

Standards that apply specifically to R-12 refrigerant include J1989, J1990, J1991 and J2209. Similar standards also apply to the recovery and recycling of R-134a refrigerant. These include J2099, J2197, J2210, J2211 and J2788. SAE standard J2788 supersedes the older J2210 standard.

Refrigerant Recovery and Recycling - ASE

EPA-approved technician training 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.

Section 609 Technician Training and Certification Programs

air conditioning systems, and also covers the required underpinning knowledge and practical skills for technicians intending to undertake the assessment for refrigerant handling certification. EU legislation requires all technicians involved in the servicing, recharging and repairs to vehicle air conditioning in passenger cars and light vans to be

VSB 26 Automotive Air Conditioning Systems Diagnosis

Motor Vehicle Air Conditioning (MVAC) System Servicing. Motor vehicle air conditioning (MVAC) systems provide passenger comfort cooling for cars, trucks, buses, and rail vehicles. MVAC-like appliances do the same for off-road vehicles, such as agricultural, mining, and construction equipment. Servicing of these systems is regulated under section 609 of the Clean Air Act.

Motor Vehicle Air Conditioning (MVAC) System Servicing

New California Rules on Mobile Air Conditioning and Their Implication to Service Industry MACSW/USEPA Webinar June 10, 2010 ... Low-Emission Vehicle standards (LEV III) â€¢ Regulation on Small Containers of Automotive Refrigerant â€¢ Summary. 3 MAC Refrigerant Mass BalanceMAC Refrigerant Mass Balance ... procedures and certification ...

New California Rules on Mobile Air Conditioning and Their

Because of the potential damage that refrigerants can do to the environment, Section 609 of the Clean Air Act (CAA) directs EPA to establish requirements to prevent the release of refrigerants during the servicing of MVACs and MVAC-like appliances and to require recycling of used refrigerants.

Section 609 of the Clean Air Act

Technicians who repair or service motor vehicle air conditioners for consideration must be trained and certified by an EPA-approved technician training and certification program. Technicians who repair or service MVAC-like appliances must always be certified by an EPA-approved 609 program.

SECTION 609 TECHNICIAN TRAINING AND CERTIFICATION

obtain an Automotive Air Conditioning Licence on the condition they include the Automotive Air ... Assessed to Certificate II standard by Automotive Training Solutions; or ... Regulations 1995 it is an offence of strict liability to handle refrigerant without a Refrigerant Handling Licence.

How to obtain an Automotive Air Conditioning Licence

MACS created the first technician certification program for refrigerant recovery and recycling, and the program and the MACS organization were cited by name in the Clean Air Act of 1990 (Title VI, Section 609). The Refrigerant Recovery and Recycling Program developed by MACS to meet requirements under Section 609 of the Clean Air Act was formally...

Section 609 Main - MACS WorldwideHome

Slowly open the valve of the refrigerant bottle and then open quick connect valve, then open ball valve and allow pressure to reach 60-80 psi. (Pressure may vary depending on ambient temperature.)
11. Close the valve on the bottle, also close the quick disconnect valve and ball valve of the GEARS.

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