IMPORTANCE OF COMPLIANCE

UL 2075: UL STANDARD FOR SAFETY FOR GAS AND VAPOR DETECTORS AND SENSORS

WHY CHOOSE AN UL 2075 PRODUCT?

Safety

Code & Regulatory Compliance

Product Quality & Reliability

Insurance & Underwriting Considerations

Peace of Mind

SUMMARY

The UL 2075 standard for gas and vapor detectors is an essential guideline for developing and certifying detectors for gases and vapors, including carbon monoxide (CO) and nitrogen dioxide (NO2). This standard is especially relevant in gas-burning vehicle applications where the risk of CO and NO2 emissions is high. This paper outlines the significance of the UL 2075 standard for gas and vapor detectors in carbon monoxide and nitrogen dioxide monitoring in gas-burning vehicles.

WHAT IS UL 2075?

The UL 2075 standard outlines the requirements for gas and vapor detectors, including performance, construction, and testing. This standard provides a uniform set of guidelines that manufacturers of gas and vapor detectors must follow to obtain certification for their products. The standard also establishes a baseline for performance that ensures the detectors can detect hazardous levels of gases and vapors in a timely and accurate manner.

IMPORTANCE OF UL 2075

Gas/Diesel vehicles emit various gases, including carbon monoxide and nitrogen dioxide, which can harm human health. It is essential to monitor the presence of these gases in enclosed spaces such as parking garages, distribution centers, and vehicle repair facilities to prevent harm to individuals. The UL 2075 standard ensures that gas and vapor detectors are reliable, accurate, and can detect the presence of harmful gases in a timely manner. This standard provides assurance to manufacturers, regulators, and consumers that the gas and vapor detectors used in gas-burning vehicles meet a uniform set of requirements.

DIFFERENCES IN "UL LISTED", "UL RECOGNIZED" AND "UL APPROVED?"

"UL Listed," "UL Recognized," and "UL Approved" are not the same, and they each represent different designations provided by Underwriters Laboratories (UL), a global safety certification organization. "UL Listed" and "UL Recognized" are official designations provided by UL, with specific meanings and criteria. "UL Approved" is not a standard term used by UL and is generally not recognized in the same way as "Listed" and "Recognized." When choosing products or components for safety-critical applications, it's important to look for the appropriate UL designation and verify the product's certification status.

MACURCO
GAS DETECTION