

GAS DETECTOR ALARM LEVELS

The choice of alarm set-points is primarily the responsibility of the user but if no instructions or specifications are given, Air-Met will supply instruments using alarm settings based on the following guidelines. It should be stressed that these are recommendations only based on accepted industry criteria and it is the responsibility of the user to ensure that they meet all requirements of the intended application.

- **Oxygen** (as per *AS2865 – 2009 Confined spaces*):
 - Minimum alarm at 19.5% by volume
 - Maximum alarm at 23.5% by volume
- **Flammable Gases and Vapours** (using LEL data as per *AS/NZS 60079.20.1:2012 Explosive atmospheres: Material characteristics for gas and vapour classification – Test methods and data*):
 - Low alarm at 5% of the LEL of the substance being measured
 - High alarm at 10% of the LEL of the substance being measured
- **Toxic Gases and Vapours** (using data from the Exposure Standards listed in the *Safe Work Australia Hazardous Substances Information System (HSIS)* <http://hsis.safeworkaustralia.gov.au/ExposureStandards>):
 - And interpreted according to the type of instrument, the application and nature of the substance being measured.

Please consult your Air-Met representative or service technician if you have any questions or need further clarification.

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