

Find out more about...



RESET Air

General Description

RESET was founded in 2013 in Shanghai and has been gaining momentum in the UK more recently.

RESET Air is a certification standard for indoor air quality that integrates performance-based data with cloud technology to make real time environmental health data accessible to occupants of indoor spaces.

What types of buildings can it be applied to?

RESET Air is available in three forms of certification which can be applied to new or existing buildings:

- **RESET Air for Core & Shell (CS)**, which measures the air provided by the central plant across a building and would typically be implemented by building landlords
- **RESET Air for Commercial Interiors (CI)**, which measures the air quality in occupied spaces and would typically be implemented by a building tenant
- **RESET Air for Residential**, which measures the air quality in all regularly occupied spaces in dwellings

How does it work?

There are five main parts to the each of the certification schemes:

1. The RESET Air standard, which defines the limits on pollutants and the process to follow to implement the standard
2. A RESET Associated Practitioner (AP) must be employed on the project to guide the design team through the process, register the scheme with RESET and lead the audit process through to RESET certification
3. The design, specification and installation of the accredited physical hardware monitors and data collection infrastructure within the building
4. An audit by a third party RESET AP to ensure the installation achieves RESET requirements

5. A registered data provider, who collects and aggregates the data from the building, provides that data to RESET for their assessment and presents it in an easily understandable form for the building occupants. The data provider must be a company approved by and registered with RESET, and compatible with the hardware monitors installed

To achieve the initial certification consistent data must be measured and reported to RESET for a minimum of three consecutive months without exceeding the defined limits.

To maintain the RESET Air certification the building must be re-certified on annual basis.

What are the benefits?

- Continuous monitoring and reporting of real-time indoor air quality data to building occupants
- Allows building landlords to demonstrate the quality of air provided to the building is aligned with best practice
- Allows companies to demonstrate to their staff that the office experience and air provided to employees is aligned with best practice
- Supports WELL and Fitwel credits



What are the limits on pollutants?

Each certification standard sets limits on internal air pollutants as follows:

	PM2.5 Particulate Matter	TVOC Total Volatile Organic Compounds	CO ₂ Carbon Dioxide	Temperature	RH Relative Humidity	CO Carbon monoxide
Core & Shell (CS)	Required ≤ 12 µg/m ³ or ≥ 75% Reduction*	Required < 400 µg/m ³	Required < 800 ppm	Monitored only	Monitored only	Not required
Commercial Interiors (CI)	Acceptable < 35 µg/m ³ High performance < 12 µg/m ³	Acceptable < 500 µg/m ³ High performance < 400 µg/m ³	Acceptable < 1000 ppm High performance < 600 ppm	Monitored only	Monitored only	Acceptable < 9 ppm (Only required in spaces with combustion)
Residential	Acceptable < 35 µg/m ³ High performance < 12 µg/m ³	Acceptable < 500 µg/m ³ High performance < 400 µg/m ³	Acceptable < 1000 ppm High performance < 600 ppm	Monitored only	Monitored only	Acceptable < 9 ppm (Only required in spaces with combustion)

* When outdoor PM2.5 is ≤48µg/m³, indoor levels can be no more than 12µg/m³. When outdoor PM2.5 is >48µg/m³, filtration at the level of the air handling unit must remove 75% of PM2.5 at a minimum.

Acceptable targets are requisite; projects must meet the limits as listed. *High Performance* targets are listed as a reference for projects striving for more rigorous IAQ goals and/or for projects located in regions where ambient outdoor air quality levels typically stay within recommended health limits.

Note that there may be conflicts or alignments with other assessments or standards. For example, TVOC limits quoted in BREEAM RFO 2014 (300 µg/m³) or BREEAM New Construction 2018 (500 µg/m³) and Fitwel (500 µg/m³).

Fees

RESET Air for Core & Shell	RESET Air for Commercial Interiors	RESET Air for Residential
<p>The fee for RESET Air certification is based on the type of certification and the area of the building. There is a calculator on the RESET website https://reset.build/certification</p>		

What does the fee cover?

- The cost of the RESET-appointed 3rd party AP to audit the design and installation (but not the time of the project RESET AP)
- RESET's administration costs, the cost of assessing the data prior to certification, arranging the certification, and the continued development of the RESET Air scheme

Other costs

- The cost of the physical hardware monitors and associated data collection hardware to be installed within the building
- The cost of the registered data provider to aggregate and present the data from the building

For more information on RESET Air please speak to your Method contact.