

# Air Environmental Australia

## Introduction

*At Air Environmental Australia we are experienced in all aspects of HVAC, specializing in remedial maintenance and hygiene services complimenting all mechanical services.*

Our extensive services offered enable us to work cohesively with mechanical contractors and end-users alike. We have forged an outstanding reputation, understanding industry protocols and providing professional, reliable and cost effective services.

*Air Environmental Australia also meets and exceeds WHS and Environmental Standards with a strong emphasis on recycling.*

We believe the ultimate measure of our success is to receive endorsement from clients who advocate our services.

## Our Services



### Duct Cleaning

We specialize in all types of Duct Cleaning including but not limited to Supply & Return Air Ducts, Kitchen Exhaust, Laundry Exhaust, Bathroom / Toilet Exhaust, Outside Air & Make up air ducts.

Below is a table of recommended inspection frequencies to ensure your HVAC systems remain hygienic.

<b>HVAC System Component</b>	<b>Recommended Minimum Intervals</b>
Air Handling Units	Monthly
Supply System – Moisture Producing Equipment	Monthly
Air Intakes and Exhaust Outlets	Monthly
Supply Air Systems	Annually
Return Air Systems	Annually
Outdoor Air Systems	Annually
Exhaust Air Systems	Annually
Evaporative Coolers	Quarterly
Non Ducted Air-Conditioning	Monthly

Having your Air Ducts inspected & reported on not only provides you with peace of mind but can potentially prevent bigger hygiene, contamination & odour issues from arising.

Benefits of Supply Air Duct Cleaning Include:

- Removal of mould, dust, pollen and other fragments
- Removal of insects and/or rodent feces
- Better indoor air quality
- Lower heating or cooling expenses
- Reduce many health symptoms to the occupants of the building

Air Environmental Australia can tailor make a routine maintenance schedule to ensure your Kitchen Exhaust Systems comply to Australian Standards AS.1851-2012 and keep your Commercial kitchen to a high level of hygiene & fire safety.



## [Air Filtration](#)

We design, manufacture, supply & install all types of commercial air filtration. We can custom design routine maintenance schedules for your Air Filtration needs ensuring your assets not only comply to Australian Standards but also ensure we improve the indoor air quality for your staff & clients!

We Supply only the best designed, manufactured & tested air filtration products on the market at the most competitive prices. For a complete range of Air Filters we supply please browse the Filter Selection Guide on our website.



## [HVAC Hygiene](#)

We provide complete commercial and industrial HVAC hygiene disinfection & remediation services to various industries including Health, Retail, Office & Manufacturing.

Achieving a high level of HVAC Hygiene for your assets does not rest solely on one aspect of maintenance, to achieve a high standard of Indoor Air Quality a vigorous routine maintenance program should be implemented with factors such as environment, industry & budget considered.

With all the specialist industries we cater for we have specific, researched & proven methods on how to achieve high indoor air quality varied site by site to ensure not only our high standard but our customers & relevant industry standard is achieved & maintained.

To learn more about our customized industry specific maintenance services or to obtain a no obligation free assessment on your Buildings IAQ please don't hesitate in contacting one of our industry leading staff.

## Additional Services

Please see below detailed list of services offered by *Air Environmental Australia* designed to compliment any mechanical contract.

All services are carried out by skilled, trained & fully qualified directly employed personnel.

- **Air Filtration** – Supply, Installation, Custom Design/Manufacture, Filter bank construction, HEPA Testing & Certification. All compliant to Australian Standards.
- **Duct Cleaning** – Kitchen Exhaust, Laundry Exhaust, Toilet Exhaust, Supply, Return & Outside Air duct cleaning. All carried out in compliance with AS.1851 & 3666.
- **Plenum / Coil Cleaning** – Detailed Coil Cleaning including Acid dipping, Fin combing, Disinfection, Mould rectification & coil replacement. All carried out in accordance with AS. 3666.
- **IAQ Testing / Reporting** – Annual testing of indoor air quality, Spot testing of all mould & odour complaints, OHS investigations & rectifications.
- **Rust Remediation** – Rust treatment, Rust removal, Replacement of corroded components including dampers, grilles, louvers, duct work, perforated sheeting etc.
- **Insulation Remediation** – Repair / Replacement of damaged insulation, Replacement of perforated sheeting, supply & installation of *Thermobreak* rubber insulation, replacement of sandwich board panels in coolrooms / AHU's.
- **Plantroom Painting** – Painting of all plantroom floors, waterproofing membranes, Safety line marking, painting of all pipe / duct work.
- **WHS Signage** – Supply & installation of all OHS compliance signage in plantrooms, custom signage on units including pipe labelling, asset capture & labelling.
- **Metal Fabrication** – Design, Supply & Installation of all catwalks, gangways, mezzanine platforms, condenser platforms, OHS compliant hand rails, Fan housing / moving plant guards & replacement of all redundant fabricated parts.
- **Ceiling Tiles** – Repair / replacement of all types of ceiling tiles, suspended grid replacement, painting of water marks etc.
- **Man holes / Access Panels** – Supply & installation of all ceiling man holes, insulated & plated access panels in duct work, repair / replacement of AHU access doors & handles.
- **Duct Work** – Supply, install, replacement of all rigid, insulated & spiral duct work, supply & installation of flexible duct work.
- **Grilles / Dampers** – Supply, install, replacement of all supply / return air grilles, aluminum, galvanized & s/steel dampers, weather louvers, turning veins etc.
- **Fire Dampers** – Supply, replacement, annual certification & reporting on all fire dampers in accordance with AS 1682.1 & 1682.2
- **Air Balancing / Commissioning** – All air balancing of HVAC systems, Pitot tube testing, Commissioning, Spot checks, Data Logging & reporting, pre & post project testing.
- **Industrial Cleaning** – Health Inspection Kitchen Higher Cleaning, Plantroom Cleaning, Supply / Return air grille cleaning, ceiling cleaning, Wall & window cleaning, post construction cleaning & site rubbish removal.

# Gallery

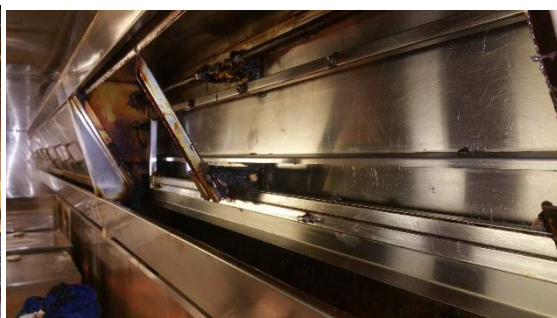
*Before*

*After*

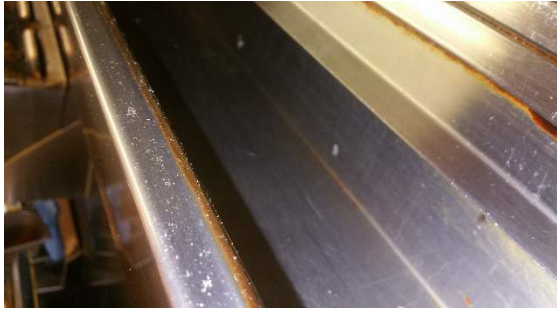
Kitchen Exhaust Duct



Kitchen Exhaust Hood







Supply Air Duct



Supply Air Coil



Toilet Exhaust Duct



Plantroom Cleaning & Membrane Remediation



Exhaust Flute Replacement



### Commercial Kitchen Higher Cleaning



All works are warranted, Insured and are carried out in accordance with the relevant Australian Standards & Building Codes of Australia.

If you have any queries or would like a flexible competitive quotation on any of the above services please don't hesitate in contacting *Air Environmental Australia* on our national service number 1300 645 044.