



AIR QUALITY MANAGEMENT

Sydney Airport is located only 8km from the CBD and is close to densely populated areas. It is one of the contributors to overall air emissions in the region, along with the Port Botany Container Terminal and the Randwick-Botany Industrial Complex.

WHY IS PROTECTING AIR QUALITY AT SYDNEY AIRPORT IMPORTANT?

Sydney Airport is located only 8km from the CBD and is close to densely populated areas. It is one of the contributors to overall air emissions in the region, along with the Port Botany Container Terminal and the Randwick-Botany Industrial Complex.

Air quality within the boundary of Sydney Airport and in surrounding areas complies with the air quality goals established in the Airports (Environment Protection) Regulations 1997. Sydney Airport aims to maintain compliance, protect air quality and further improve air quality at the airport and in nearby areas where practicable.

Certain on-airport activities and operations have the potential to adversely impact air quality at or in areas close to Sydney Airport.

These include:

- Airport operations;
- Airport related traffic;
- Ground support equipment (airside vehicles and mobile plant);
- Paint and solvent usage;
- Fuel and organic liquid storage;
- Boilers and space heaters;
- Emergency generators;

- Fire training and emergency simulations;
- Aircraft engine test cells;
- Refuelling operations;
- General engine testing; and
- Construction and development.

AIR QUALITY OBJECTIVES

Sydney Airport has adopted key objectives for air quality management. These are in the Sydney Airport Environment Strategy 2013-2018, which was approved by the Australian Government in February 2014.

The objectives are to:

- Minimise air emissions from ground-based airport operations and activities as far as is practicable;
- Comply with State and Commonwealth legislation, relevant standards and guidelines; and
- Support and encourage the progressive introduction by airlines of cleaner, more fuel efficient aircraft such as the A380 and B787.

Sydney Airport is working to achieve these objectives through measures such as installing fixed electrical ground power infrastructure to all new and existing gates, which will minimise the use of more polluting aircraft auxiliary power units.



LEGISLATIVE REQUIREMENTS

The Airports (Environment Protection) Regulations 1997 establish the requirements for acceptable air quality levels and conditions at Sydney Airport.

These include:

- Schedule 1 Air Pollution lists the acceptable limits for a variety of substances in air emissions;
- Reg. 4.01 requires operators at the airport (including airport tenants) to take all reasonable and practicable measures to prevent the generation of pollution; and
- Reg. 2.01 states that air pollution has occurred when a pollutant is present in air in a quantity, way or condition, or under a circumstance, in which harm is likely to be caused to the environment or unreasonable inconvenience is likely to be caused to a person.

Note the above is a summary only and airport tenants should refer to these Regulations and the Sydney Airport Environment Strategy 2013-2018 in full to establish how their operations may be affected.

ACTIONS YOU CAN TAKE TO PROTECT THE ENVIRONMENT

Any activity or operation that has the potential to adversely impact air quality at Sydney Airport

must be appropriately managed and undertaken in a responsible manner.

You can minimise the risk associated with such activities and operations by:

- Ensuring all emission producing operations (e.g. spray painting and engine testing) are undertaken in appropriately fitted facilities which are maintained and serviced regularly;
- Airlines using fixed electrical ground power where available;
- Ensuring all hazardous substances are correctly stored (contained and covered), minimising the potential for escape of emissions;
- Ensuring all equipment, ground-based vehicles and aircraft are operating as efficiently as possible to prevent the production of excess emissions;
- Ensuring all liquid waste is contained appropriately to minimise air emissions;
- Ensuring that all unsealed surfaces are appropriately managed to minimise the generation of dust during any construction or development work; and
- Notifying Sydney Airport immediately if you notice any unusual or excessive fumes, odours or other air emissions.

Further information

For more information please contact Sydney Airport's Environment department on (02) 9667 9111, email environment@syd.com.au or visit our website www.sydneyairport.com.au.

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