

# 12.0 air

## Objective

Take practical measures to minimise air pollution, dust and Sulfur Hexafluoride (SF6) releases from our work sites.

## Why is this important?

Air pollution can adversely impact the environment and affect workers and the public. For example, SF6 is a greenhouse gas with 23,900 times the climate change potential of carbon dioxide.

## 'Switch on' to your responsibilities

### Air pollution:

- Be aware of potential air pollution in sensitive environments such as schools and shopping centers
- Ensure vehicles, plant and machinery are serviced regularly and operate efficiently.

### Dust:

- Minimise excavation work on windy days
- Limit vehicle movement over disturbed areas
- Install dust barriers on fencing and employ water trucks and street sweepers regularly for larger jobs
- Wet down and cover stockpiles to prevent dust.



Airborne sediment generated from construction activities can cause localised air pollution and become a safety risk

### SF6:

- Prevent SF6 release during installation, maintenance and decommissioning of equipment
- Manage all SF6 gas in a closed cycle to avoid release to the environment.

### Further information:

- *Disposal of SF6 Equipment Work Instruction*
- *Handling SF6 Gas Work Instruction*
- *HSE Team.*

## DID YOU KNOW?

The TasNetworks vehicle fleet of 563 vehicles travelled approximately 12.5 million kilometres and consumed 1.7 million litres of fuel in 2016 (down from 2.59 in 2009).

The average distance travelled by a TasNetworks vehicle in 2016 was 22,400 km (down from 26,800 kilometres in 2009) with an average fuel consumption of 13.8 litres per 100 kilometers, down from 14.4 in 2009.

Source: Aus-e-fleet 2016