Airborne contaminants are generated during mining, extraction, drilling, crushing, hauling and stockpiling of industrial materials. Workers in these mines, quarries, and other raw material processes may be exposed to both dust and crystalline silica. These dust particles can penetrate into the lower regions of the lung where gas exchange takes place and can cause serious health issues for all workers, such as pneumoconiosis or silicosis. Both conditions are disabling and often fatal lung diseases.

To help keep all workers and their environment safe, Mideco provide dust control and management solutions tailored to their customers’ specific needs and operational issues. Australian owned and managed, Mideco have been operating for more than sixty years with a proven record in diverse projects, from mines and quarries to cement and fertiliser production plants in both Australia and international markets.

Mideco’s solutions process involves a robust approach to better understand the needs, issues and key problem areas of their customers’ operations. This is underpinned by utilising the know-how of key people combined with tailored products and services to control and manage occupational exposure to dust. Post implementation support and ongoing servicing of equipment and processes is also provided by Mideco to ensure all customer projects are an ongoing success.

Mideco aim to develop partnerships that will last for years into the future with all our customers. If you have a dust control problem, we aim to be a part of your solution. Mideco has extensive experience with:

- Dust and diesel fume management in port bulk material storage sheds.
- Dust control in hoppers for truck, rail or ship unloading.
- Ultra high efficiency filtration on lead.
- Conversions, upgrades, and overhaul of competitor dust collection equipment.
- Service and preventative maintenance of Mideco and competitor equipment.

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www.mideco.com.au
Mideco’s extensive range of products and solutions include the Bat Booth™ and the Burnley® Baffles. Developed to keep workers and their environment safe from airborne contaminants and harmful dust particles.

**Bat Booth™**

The Bat Booth™ uses nothing but pure air to capture dust from worker’s contaminated clothing – providing safety for both the worker and the environment. It’s the hardest working 10 seconds you’ll ever see.

The Bat Booth™ is supplied completely assembled on a skid base. Once on site, compressed air and power connections are all that is needed to be fully operational. Perfect for quarries, mines or any commercial environment where dust contamination poses a health hazard. Other alternatives have proven to be risky, slow, ineffective and do not contain the dust when dislodged from clothing.

Mideco has gain UL approval for its Enclosed Industrial Control Panel that is the heart of the Bat Booth™. This means the product is fully compliant with the local regulations for which it is tagged. As a company we are purposefully working to open up new markets with equipment that is “plug and play” for our customers.

**Burnley® Baffles**

Burnley® Baffles are our internationally patented dust suppression device designed to reduce the escape of dust from dump hoppers and chutes handling dry granular bulk raw materials such as grains and ores. A Burnley® Baffle installation consists of a set of modules that fill the open inlet face of a hopper.

Each module contains a set of blades that pivot to allow the material to flow into the hopper. The dust generated from the material falling into the hopper cannot escape because the hopper is only open where the material is entering. An 80% to 85% reduction in the size of dust collector and fan is achievable with the use of Burnley® Baffles.

The design, implementation and operation of Mideco’s products play a critical role in minimising the risks posed by airborne contaminants and harmful dust particles. Mideco’s project case studies prove the deliverables of these solutions to provide the benefits of a safe working environment. If you have a dust control problem, Mideco aim to be a part of your solution.

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