BURNT MOUNTAIN SERVICES LLC.

Breathing Air Quality Toolbox Talk

High concentration of airborne contaminants can cause adverse health effects. Poorly controlled dust and odors can irritate eyes and airways, affecting not only workers, but also neighboring businesses and residential areas. Indoor air quality poses more of a health risk to workers, as there are more potential hazards such as accumulation of dusts, gases, or vapors, which can lead to additional health and safety risks.

Why run a Air Quality Toolbox Talk?

- Employee awareness
- The health effects of poor Air quality
- Determine what can be done to improve Air quality

Factors Affecting Outdoor Air Quality

- Weather – extreme dry heat and extreme cold and wind chill
- Air pollution
- Pollen
- Forest Fires

How To Maintain or Improve Outdoor Air Quality

- Store bulk cement and chemicals in silos
- Keep surfaces that can generate dusts, wet
- Low speed limits to reduce dust generation
- Store fine powders or materials in buildings with adequate wind protection
- Make sure that suppression systems are working and working effectively on any machinery it is installed on
- Cover trucks transporting dry materials to and from the site
- Minimize drop heights into containers or trailers
- Ensure any cutting or grinding work is wetted
- How To Maintain or Improve Indoor Air Quality
- Adequate ventilation (mechanical or natural)
- Change filters regularly
- Substitute tools to ones that have on-tool extraction
- Get your ventilation serviced to maintain correct airflow

- Vacuum up any dust using a HEPA filter vacuum
- Keep the workplace clean and tidy

Key takeaways:

- Poor air quality can affect people's health
- There are simple measures to improve or maintain outdoor air quality
- There are simple measures to improve or maintain indoor air quality