

Wanda wonders HOW DUST can be controlled from operations.



Environmental Messenger

Reduce Our Impacts

HOW DOES YOUR FACILITY CONTROL DUST?

DUST CONTROL OPERATIONS

Operations can generate dust from the way materials are handled and stored as well as the exposure of the material to the wind.



Things that you can do to minimize dust from your operations:

- enclose conveyors, equipment that generates dust and points where dusty materials drop
- use hoods and water sprays at drop points
- minimize the distance material drops
 - adjust conveyor height to meet stockpile height
 - keep loader buckets as close to surface as possible and as close to truck box being loaded
- cover stockpiles of fine material
- keep stockpile height below the level of on-site berms
- limit the height and slope of stockpiles, flat shallow stockpiles generate less dust than tall conical stockpiles
- clean-up spilled materials promptly and regularly
- store fine materials in an area protected from the wind
- unload materials in an area protected from the wind
- use wind breaks to slow wind speeds
- ensure hoppers are sized for the loads they are to receive
- use dust collectors on operations that generate fines such as dryers, drills and silos.



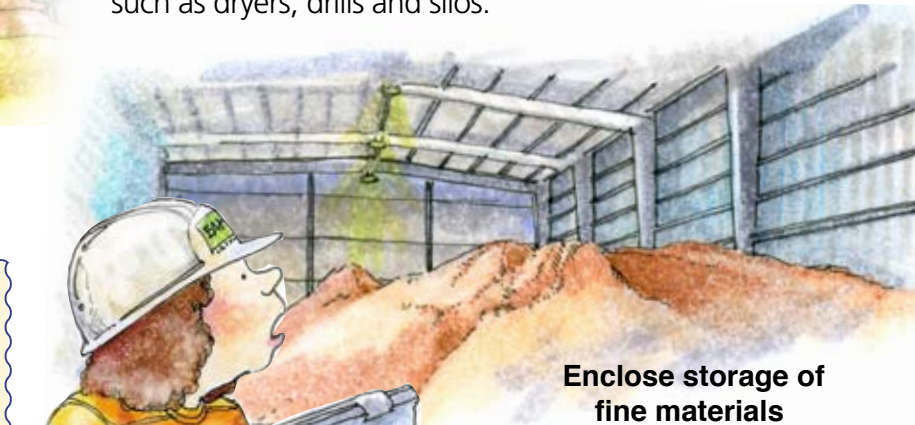
Use water sprays at drop points



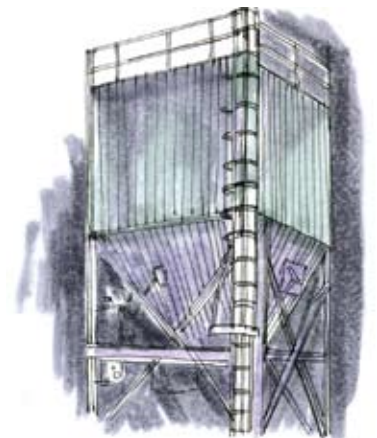
Adjust conveyor height



Flat, low stockpiles



Enclose storage of fine materials



Baghouse

Questions

How does your facility control dust from production?

How does your facility use wind breaks to control dust?

How could you adapt your operations in order to reduce dust?

When excavating:

- remove soils in phases to allow vegetative cover to remain in place as long as possible
- re-vegetate completed earthworks promptly

Use hoods at drop points



Match load sizes



You must be the change you wish to see in the world.
Mahatma Gandhi

Reduce Our Impacts



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