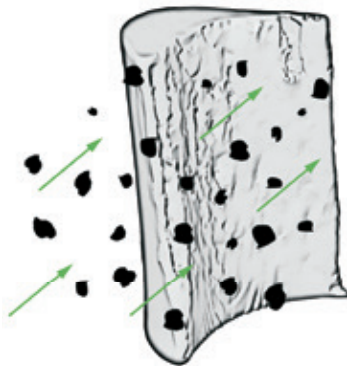


## Prevent erosion and extend wear life of induced draft axial fan blades

Advanced coating solutions protect blades and hubs from damaging particulates

In today's competitive coal industry, ash content is increasing, and many precipitators can't keep up. That means induced draft axial fans are in contact with more ash particles, increasing the chances for erosion and damage.

Not all induced draft axial fan blades and hubs come with a protective coating. Those that are coated may not be coated well enough to withstand the increasing levels of particulates. The result can be longer downtime and higher repair costs.

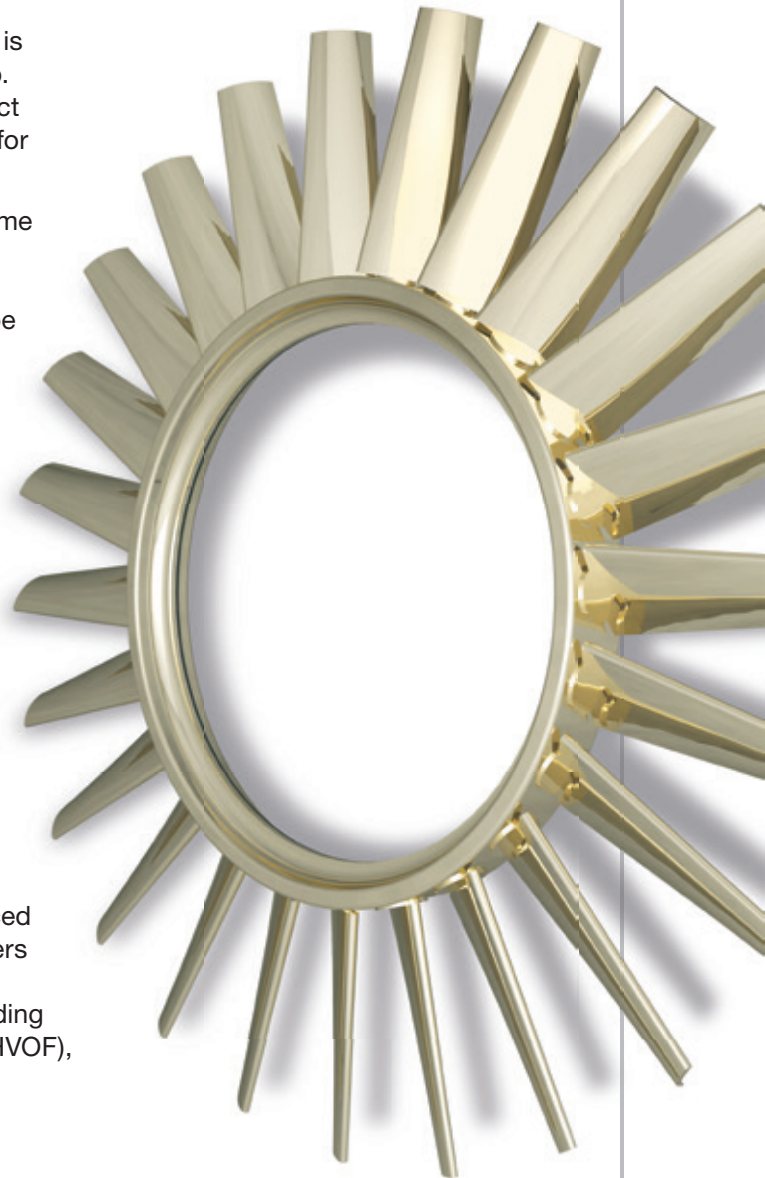


*Over time, ash and other particulates erode fan blades and hubs, lowering efficiency and shortening their working life.*

### Induced draft axial fan blade coatings engineered for erosion protection

Praxair has delivered protective coatings for induced draft axial fan blades since 1975 through end users and OEMs. We offer multiple coating solutions customized to the severity of blade erosion, including detonation gun (D-Gun), high-velocity oxy fuel (HVOF), and wire arc coatings. Praxair coatings help:

- Extend life
- Reduce costs
- Increase efficiency
- Avoid unplanned outages



*Praxair Surface Technologies offers robotically applied coating solutions to protect induced draft axial fan blades and hubs from damaging particulates and deposits.*

## Don't replace, refurbish

Refurbishment lowers repair costs, ensures optimal protection, and extends the life of the fan. With Praxair:

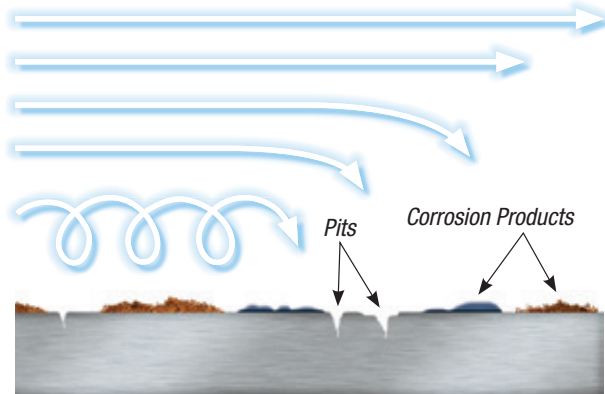
- Fan blades can be stripped and recoated
- Customized coating solutions are available—get the best protection for your operational needs

*Our automated thermal spray systems help meet customer demand for uniform coating consistency and cost-effectiveness.*



## Hub protection

Ash can also cause deep corrosion on fan blade hubs. Praxair protects hubs with your choice of our exclusive corrosion-resistant SermeTel® coatings or our wire arc and HVOF processes.



*In addition to erosion damage, particles in the air can condense and dry on blade surfaces, causing pits, cracks, and other damage.*



*Corrosion has left this hub pitted and rough, adding to fan drag and wear. Praxair coating solutions protect hubs against corrosion, for better wear life and fan performance.*

**Learn more about Praxair coating solutions for induced draft axial fan blades and hubs: (724) 598-1300**



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