

## **Fans**

- ◆ Use smooth, well-rounded air inlet cones for fan air intakes.
- ◆ Avoid poor flow distribution at the fan inlet.
- ◆ Minimize fan inlet and outlet obstructions.
- ◆ Clean screens, filters, and fan blades regularly.
- ◆ Use aerofoil-shaped fan blades.
- ◆ Minimize fan speed.
- ◆ Use low-slip or flat belts.
- ◆ Check belt tension regularly.
- ◆ Eliminate variable pitch pulleys.
- ◆ Use variable speed drives for large variable fan loads.
- ◆ Use energy-efficient motors for continuous or near-continuous operation
- ◆ Eliminate leaks in ductwork.
- ◆ Minimize bends in ductwork
- ◆ Turn fans off when not needed.