

NFPA Regulations and Fan Control

- The National Fire Protection Association (NFPA) has regulations concerning the operation of coal fired boilers that have implications for Fan Controls
- Under different operating scenarios, it may be required that the fan controls act very quickly to open or close, or that separate dampers be provided to do this.
- The effect for centrifugal fans with VIV control is to require a fast-acting actuator.
- The effect for Axial fans is to require a fast blade response to the control signal.
- In general, it is recommended that dampers be provided for Fans in parallel if it is intended that one fan be shut down while others are operating.

