Flyash Level Alarms for Electrostatic Precipitators and Bag Houses

THE PROBLEM

- Flyash is a difficult level measurement due to the dusty, coating nature and high temperature environment.
- High flyash levels will damage electrostatic grids and bag house filters.
- Regulatory requirements and source disposal problems make nuclear gauges an unappealing choice.
- Mechanical paddle wheels require high maintenance and regular motor replacement.
- Vibrating technologies fail due to sensor damage, coatings, and “rat holing”.
- Flyash emissions carry penalties under the Federal Clean Air Act.

THE SOLUTION

- The Intellipoint™ RF Admittance High Level alarm requires no maintenance. There are no moving parts to wear or jam. The Cote shield™ circuitry ignores even heavy coatings. Drexelbrook has installed thousands or RF Admittance point level switches in ESP’s and FF’s over the past 30 years.
- There are no regulatory requirements for the Intellipoint.
- Sensors are robust, industrial designed.
- Protects electrostatic grids and bag filters from damage due to high flyash level.
- The Intellipoint Mean Time To Failure (MTTF) has been calculated to more than 110 years*.

*Intellipoint loop powered model as tested by Exida.com

Other Solutions:

- Flyash Transporters
- Blow Tanks
- Plugged Chute Detection
- Duct Build Up Alarm
- Bottom Ash
- Low Level Alarm
- Rail Car Loading

Typical Uses:

- Continuous Level Control
- Inventory Management
- Point Level Control
- Overfill Protection
- Waste Management
- Regulatory Compliance

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