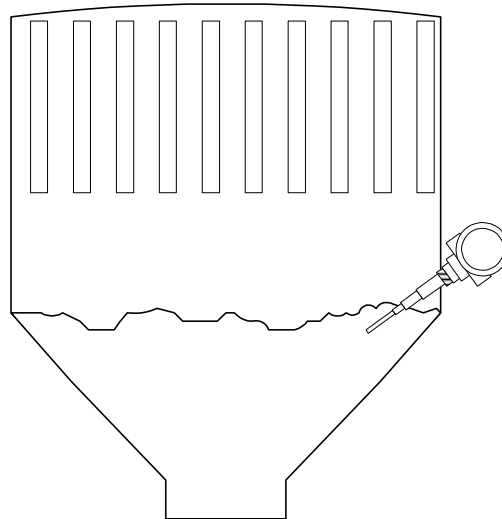


## Flyash Level Alarms for Electrostatic Precipitators and Bag Houses

### 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.



Intellipoint(tm) Level Alarm in Electrostatic Precipitator Hopper

### 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 of RF Admittance point level switches in ESPs and FFs over the past decades.
- 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     | • Duct Build-up Alarm | • Low Level Alarm  |
| • Blow Tanks              | • Bottom Ash          | • Rail Car Loading |
| • Plugged Chute Detection |                       |                    |

### Typical Uses:

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