

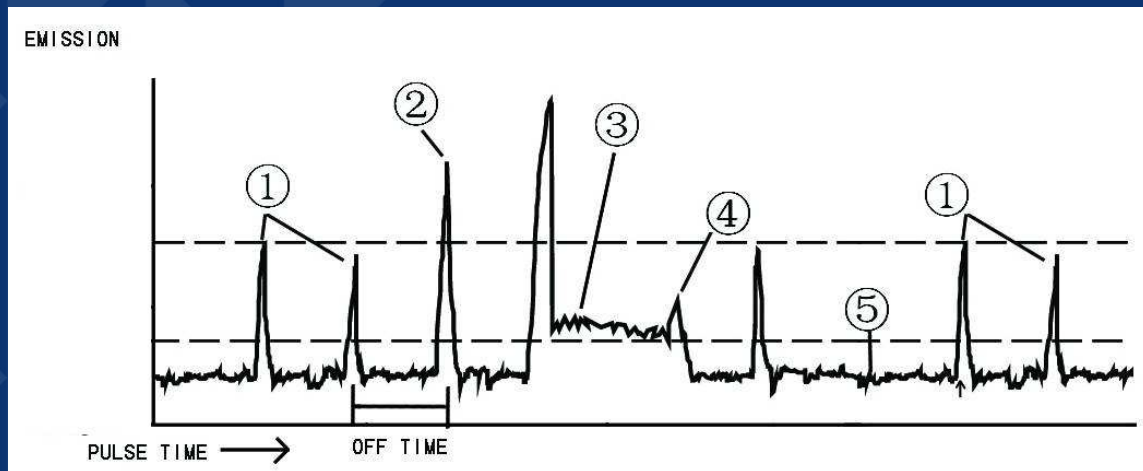
Broken Bag Detectors

- From the control room screen, GOYEN Broken Bag Detector is able to identify which row of filter bags have visible leakage
- The EMS6 is a multiple sensor system for up to 29 probes in 1000 M cabling distance, it is supplied with a free software to display the emission trend-lines on PC for broken bag discrimination,
- The EMP6 is a single sensor units, it transmits 4-20 mA output. Customer needs a recording device to display the trend line
- For On-Line Cleaning, the individual ROW of broken bags can be identified, for Off-Line, compartment of broken bags can be identified.



Broken Bag Detectors

Identification of the Broken Bag Locations:



The interpretations of the above Trend Line are:

①	Normal Pulsing, emission peaks caused by cleaning cycles.
②	Filter wear appearing in the ROW corresponding to this pulse clean action. Peaks grow. Over emission alarm is triggered.
③	Tears grow larger, broken bags appear in multiple rows, resulting in the elevation of the overall Emission Trend Line. Replacement of bags is required.
④	Peak after filter replacement.
⑤	When there is a missing peak at a set interval, the pulse valve failed to fire. Attention to the solenoid pulse valve is required.

Real Time Trend Lines from Pan Steel China, for Offline Cleaning

