

# Safety in Roasting process: Continuous carbon monoxide monitoring



A real risk during roasting :  
*spontaneous product combustion*





## Consequences



Damage  
to the load



Lack of production



Damages to the  
equipment



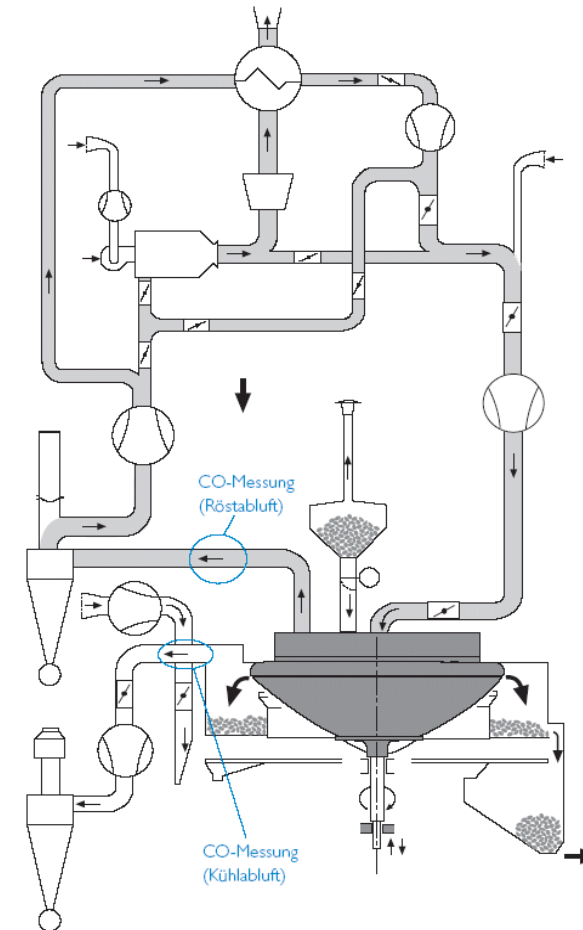
It is then fundamental to take  
all the necessary countermeasures  
to prevent fire risks in the roasting machine !!!



Carbon Monoxide monitoring

By continuously monitoring carbon monoxide,  
it is possible to act immediately  
during the roasting phase

As a matter of fact, a high CO value  
indicates the beginning of fire.





Dedicated fire safety  
systems ...



...avoid expensive damage !!!



## Our proposal

### In-situ infrared NDIR Analyzer

- ✓ Measure across the complete duct section
- ✓ Fast Installation
- ✓ Easy calibration
- ✓ Reliable
- ✓ Minimal Maintenance



The roasters of the main European brands  
use this solution