

1. Cover sheet
  - a. Hello and welcome to the Interlake coke oven emissions training video
2. Battery
  - a. On the oven battery, emissions of coke oven gas are a constant issue. Interlake takes pollution and its workers safety very seriously
3. Battery
  - a. Various measures - to be discussed here - are taken to protect Interlake employees on the battery, in the general coke plant, as well as the public
4. Match
  - a. Coke oven gas is highly flammable. Besides the many health concerns, at 550 BTU a leak could create dangerous conditions on the battery
5. Cubic yard of emissions
  - a. OSHA requires a PEL, or permissible exposure limit, of no more than 150 micrograms of coke oven emissions for each cubic meter of air (as seen here), over an 8 hour period.
6. Battery
  - a. Through this training you will learn how to recognize VEs, or visible emissions, and how log them to help protect you and your co-workers
7. Larry car
  - a. Emissions are at their greatest when ovens are charged. As the larry car moves into position, lids are removed, and the oven doors are removed.
8. Battery
  - a. The EPA has established Method 303 for logging and measuring these VEs
9. Battery
  - a. VEs beyond what is permissible require necessary action by Interlake to reduce emissions on the battery
10. Battery
  - a. You are an important part of the ovens department, and your work will implement and execute Interlake's environmental action plan to reduce emissions
11. Battery
  - a. The coke you help to produce is used to make American steel, and Interlake is committed to producing that steel in the safest methodology possible
12. Wharf
  - a. On the wharf, coke is quenched, as another oven is charged, and the cycle continues, under the watchful eyes of its Method 303 team
13. Lidman
  - a. Lidmen work on the battery and are constantly exposed to VEs. This is why we must work hard to do whatever is necessary to keep emissions under the permissible limits
14. Hardhat
  - a. At Interlake, safety is non-negotiable. Together we will create, and implement a plan to satisfy OSHA requirements, and Interlake's requirements to produce clean American steel.
15. Lidman shoes

- a. The battery top is very hot. So hot in fact, that lidmen wear special shoes to protect their feet.
- 16. Cancer sign
  - a. Coke oven gas is not only flammable, but also hazardous. By reducing and eliminating VEs, we help protect our Interlake family.
- 17. Respirator
  - a. Lidmen use specialized personal protective equipment, or PPE, to keep themselves safe
- 18. Lidmen together
  - a. Our ovens department works together, and always communicates to make sure that everyone is safe and protected at all times.
- 19. Cover sheet
  - a. We are excited you have joined the Interlake family! Together we will continue to produce the highest quality, and cleanest American steel available on the market today. With your help we will achieve our mission statement, and produce clean coke for many, many years to come!