

**FMI MIAMI TECHNICAL TRAINING**



**Process Safety  
Management Level 1  
Talking Points**

**V 5.1**

## INSTRUCTIONS

Use the questions below to help facilitate a conversation with students to determine understanding and answer any questions.

1. Why does process safety management exist?
  - a. Because of past unexpected releases of highly hazardous chemicals (HHC's).
2. Who regulates process safety management?
  - a. OSHA
3. What level of PSM training is required to perform work at the Acid Plant?
  - a. PSM Level 2 (which is not this training)
4. What HHC's is Miami regulated for PSM?
  - a. Sulphur Trioxide SO<sub>3</sub> and Nitrogen Oxide NO<sub>x</sub>
5. How can you identify SO<sub>3</sub> and NO<sub>x</sub> releases?
  - a. SO<sub>3</sub> is white and NO<sub>x</sub> is orange/brown.
6. What should you do if there is a SO<sub>3</sub> or NO<sub>x</sub> release?
  - a. Evacuate upwind to fresh air.
7. What are the first aid measures for SO<sub>3</sub> and NO<sub>x</sub>?
  - a. Rinse with water for at least 15 min, remove contaminated clothes, move to fresh air, and get medical aid.
8. Where can you find SDS's?
  - a. Fcx.complyplus.com on the internet or from a Freeport-McMoRan representative.
9. What are the hazards associated with the LoTOx system?
  - a. Oxygen enriched environment which changes flash point for combustibles.
10. If you are exposed to Ozone, what should you do?
  - a. Move to fresh air, get medical aid.