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| **Topic:** Health Hazards/Hazard Communication | **Sub Topic:** Industrial Hygiene |
| **Duration:** 1 Hour | **Resources:** [**Industrial Hygiene**](https://www.osha.gov/publications/OSHA3143) |
| **Equipment:**     * Air quality monitoring devices * Respiratory protection * Eye and face protection * Hand, foot, body protection | **Videos:** [**The Right thing To do. What is Industrial Hygiene**?](https://youtu.be/0k7GPWBoCa0)  [**Haselden’s Construction Introduction to Silica Safety**](https://youtu.be/ytKGEMk8gQw)  [Asbestos and Human History](https://youtu.be/-EJ-4koV7m0) |
| **Topic Description:**  This lecture covers Health Hazards in Construction and Industrial Hygiene.  Special emphasis will be placed on understanding health hazards unique to construction, the hierarchy of controls, and the Hazard Communication Standard.  **Learning Outcomes:**  Upon successful completion of this lecture, students will be able to:   * Identify specific health hazards in construction * Recognize and understand the Hierarchy of Controls. * Recognize the primary elements of the Hazard Communication Standard   **Activity:**    Step 1         Students partner in groups of 2-4 to study a particular health hazard(element or chemical)  Step 2    Students identify potential standards that may apply to the chosen health hazard  Step 3         Working in groups identify the SDS sections describing the specific health hazards.  Step 4         Describe what the SDS states regarding the chosen health hazard. How does the information compare to what is found in the standards. | |