



Tony Arms

Environmental Health and Safety Manager

Tony is a 2004 graduate of Illinois State University. First job out of college was with a consulting firm. The great part of this job was you saw something different every day. When he was ready to settle down he took a job at Caterpillar. Caterpillar in Lafayette Indiana makes large engines for backup power. His job is to make sure the employees have a safe environment to work in with regards to sound levels, protective ware, OSHA and EPA regulations.

Environment, health, and safety (EHS) is a multidisciplinary field that focuses on the protection of human health and the environment in various settings, including worksites, communities, and public spaces. The main objectives of EHS are to identify and mitigate potential hazards, prevent accidents and promote a safe and healthy living and working environment.

EHS comprises three interrelated disciplines:

1. Environmental protection

This focuses on safeguarding the environment from pollution and degradation. It involves monitoring and controlling factors such as air quality, water quality, soil contamination, and waste management. Environmental management and protection measures aim to reduce the negative impact of human activities, emissions and hazardous materials on ecosystems, wildlife and natural resources.

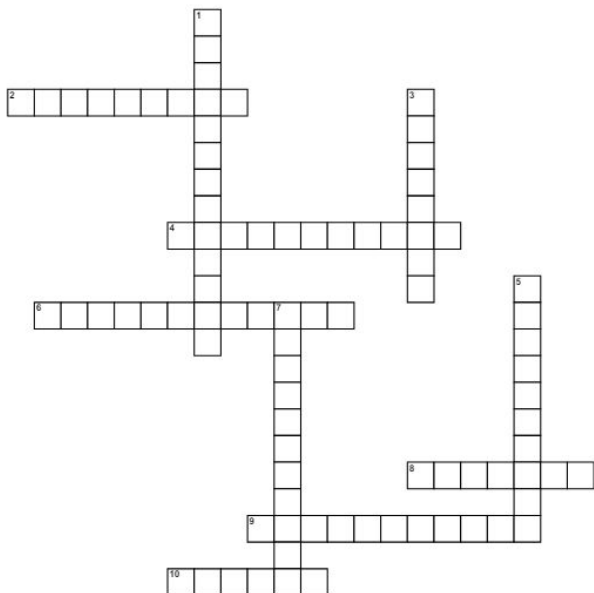
2. Occupational safety

Workplace safety addresses the protection of workers' health and well-being in the workplace. It involves identifying and mitigating potential hazards that can cause injuries, illnesses, or accidents to employees. Occupational safety measures include providing appropriate personal protective equipment (PPE), training employees on safety programs, conducting safety inspections, and implementing safety procedures to create a working environment that adheres to safety regulations.

3. Health and wellness

This component focuses on promoting the overall health and well-being of stakeholders and communities. It includes addressing public health concerns, conducting health risk assessments, monitoring disease outbreaks and implementing health promotion programs.

Crossword



- Across**
- [2] an unfortunate incident that happens unexpectedly and unintentionally, typically resulting in damage or injury
 - [4] Engine manufacturing company
 - [6] a person with an interest or concern in something
 - [8] a source of danger
 - [9] a rule or directive made and maintained by an authority
 - [10] the condition of being protected from or unlikely to cause danger, risk, or injury

- Down**
- [1] the action or state of making or being made impure by polluting or poisoning
 - [3] make less severe, serious, or painful
 - [5] an established or official way of doing something
 - [7] the aggregate of surrounding things, conditions, or influences

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