

EMERGENCY SAFETY

EMERGENCY is a combination of circumstances resulting in a state that calls for immediate action. Such circumstances can cause death or significant injuries to people, disrupt operations, cause physical or environmental damage.



An emergency poses an immediate risk of significant harm to health, life, property or the environment. Preparing for emergencies is an important part of workplace health and safety program.

For occupational and process safety as well as health and environmental protection and corporate security, comprehensive preventive measures must be taken. It is very important to analyze accidents, incidents and their causes in detail and make hazard analyses and the risk minimization measures.

All employers are obligated to ensure staff training emergency procedures in workplace. This may include what to do in case of a fire, earthquake, or other emergency; identifying locations of emergency exits; and processes to follow to evacuate the building in the case of an emergency. These procedures are site specific and should be a part of the training for all new employees. In addition, regular drills or reviews of procedures are important to ensure that if an actual emergency occurs, everyone is able to react accordingly and safely.



Why prepare for emergencies?

- Keep employees and responders free from harm

- Manage life-threatening situations
- Minimize damage to the environment, equipment, machinery, tools, etc.
- Minimize downtime

4 elements of an emergency management program:

Prevention: policies and procedures to minimize the occurrence of emergencies;

Preparation: activities and procedures to make sure your organization is ready to respond effectively;

Response: the action to be taken when an emergency occurs;

Recovery: practices to resume to normal business operations;

6 key steps to emergency planning:

- Establish the planning team: representatives from all departments and levels, with support from senior management, is most effective
- Assess the risks and company capabilities
- Develop the emergency response plan
- Implement the plan: obtain equipment, communicate, and train
- Test the plan: hold drills or simulation exercises
- Improve the plan continuously

Choose one most possible ES for your work site and describe it in accordance with

4 elements of an emergency management program.

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| ✓ Fire | ✓ Hurricanes |
| ✓ Blizzards | ✓ Explosions |
| ✓ Chemical spills | ✓ Medical emergencies |
| ✓ Drought | ✓ Major power failures |
| ✓ Earthquake | ✓ Hazardous material spills |
| ✓ Floods | ✓ Radiation emergency |