

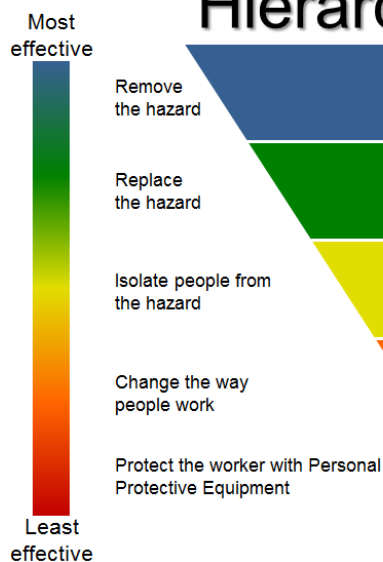
Hazard Prevention and Control

Hazard prevention and control is one of the four elements of the Occupational Safety and Health Administration's (OSHA) Voluntary Protection Programs (VPP). Once an organization identifies workplace hazards through the worksite analysis element of OSHA VPP, this element is necessary to prevent, correct, or control worksite hazards.

In an effective safety management system, the hazard prevention and control process includes:

- Use of the hierarchy of controls to reduce the risk of known hazards
- Hazard control programs (e.g., hazard communication, respiratory protection) meeting regulatory compliance and undergoing periodic review
- A hazard tracking system to monitor identified hazards until they are corrected

- Documentation of hazard controls in work procedures (e.g., job hazard analyses, standard operating procedures)
- Follow-up evaluations to ensure implemented hazard controls are effective
- Implementation of the OSHA process safety management regulation, as applicable
- A disciplinary system enforcing safety and health rules equally between all employees and managers
- An emergency management system which includes written emergency procedures, annual evacuation drills for all personnel on each work shift, and the communication of emergency responsibilities and information to all personnel
- A preventive maintenance system that schedules routine maintenance and monitoring for all safety-critical facility items (e.g. sprinkler systems, emergency lighting) and workplace equipment (e.g., machine guards, ventilation, emergency stops)
- A personal protective equipment (PPE) process that aligns with OSHA requirements (e.g., use, limitations, maintenance, storage, donning/doffing) and includes PPE analysis, selection, and training procedures
- An occupational health care program tailored to prevent adverse health effects due to workplace hazards and exposures
- Access to qualified safety and health professionals and other licensed health care professionals
- OSHA recordkeeping procedures, including a designated and trained OSHA recordkeeper, to document workplace injuries and illnesses



Hierarchy of Controls

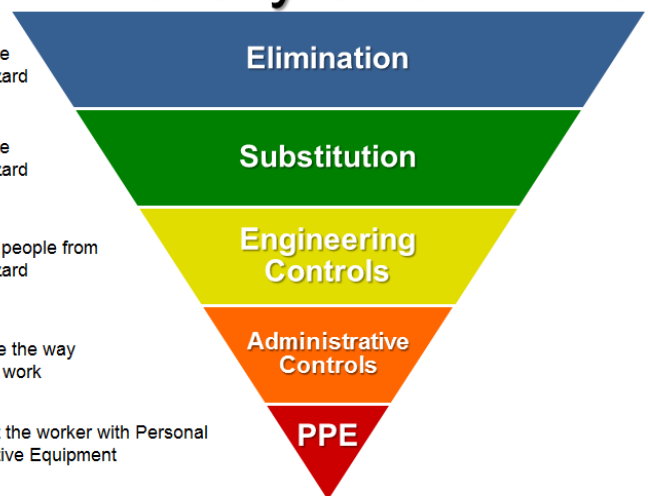


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