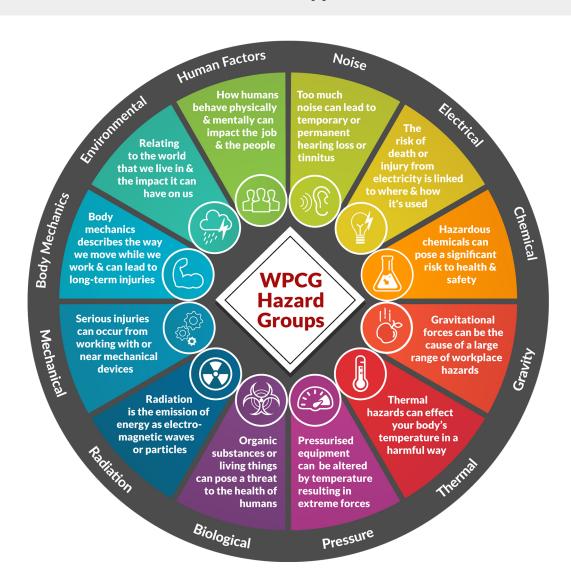


Hazards Groups

Hazard Types

Hazard Examples



Human Factors

Environmental

Bullying & Harassment, Communication, Competency, Experience, Complacency, Complex procedures, Fitness for work, Supervision, Isolated work, Fatigue

Light, Wind, Rain, Dust, Congested area.

Manual handling, Excessive weight/force,

Untidy work area, Poor ventilation, Flowing

B !

Noise

Equipment/Machines, Environmental, Jobsite, Process, Task, Personnel hearing efficiency

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Power lines, Above ground cables, Underground cables, Equipment, Static electricity, Lightning, Wiring, Temporary power sources, Extension leads, Generators



Chemical

Electrical

Flammable/combustable, Toxic, Oxygen - deficiency or enrichment, Asbestos/Exhaust gases, Inert gases, Asphixiants, Carcinogens, Reactive hazards, Pyrophorics, Iron Sulfide/Lead, PCB's

Mechanical

Rotating equipment, Compressed springs, Drive belts, Conveyors, Motors, Vibration, Vehicles, Mobile Plant, Underground services (piping, septics, drains)

Awkward posture, Twisting/turning, Use of PPE

for extended periods. Work above head height

Gravity

Lifting, Falling objects, Collapsing roof/ structure/surface, Body tripping, Falling down/Falling in, Flying debris

Radiation

X Rays, Lasers/Microwave, UV radiation (e.g. sun, welding), NORM, Magnetic sources

Thermal

Ignition sources, Hot or cold surfaces, Hot medium, Cold medium, Environmental/weather conditions, Friction, Flares/Fluid & gas compression (hot), Fluid & gas expansion (cold)

Biological

Bacteria, Viruses, Insects, Animals, Bloodborne pathogens, Food, Water, Natural disasters, Hygine/PPE, Biohazardous waste, Fauna, Generation of Solid Waste, Decontamination

Pressure

Vessels, Tanks, Hoses, Lines, Piping, Cylinders, Pneumatic equipment, Hydraulic equipment, Seized bolts/Seized valves, Springs, Vents, PSV