

HAZARD CATEGORIES	HAZARD (Potential)	Environment/Condition
Physical	Noise	Mechanical vibration
		Impact
	Ventilation	Airflow
	Vibration	Equipment vibration
		Area vibration
	Illumination	Poor lighting
		Glare
	Heat	Ambient
		Hot surfaces
	Cold	Ambient
	Organic dust	Visual impairment
		Suspended contaminants
	Fire/explosion	Heat
		Smoke
		Projectiles
Mechanical	Mechanical motions	Machinery
		Vehicle movement
	Work Space	Confined space
		Suspended Masses
		Elevated platform
		Restricted work space
		Restricted View
		Structural components
		Ponds, dams, vessels
		Floor openings
		Pressure parts
		Slippery floor
		Uneven floor surfaces
	Electrical	Electric fields
Chemicals	Toxic gases	Airborne contaminants
	Flammable gases	Vapour cloud
	In-organic dusts	Airborne contaminants

	Vapours	Airborne contaminants
	Flammable liquids	Vapour cloud
	Corrosive liquids	Installation leaks
Ergonomic	Tool design	
		Heavy Objects
	Equipment design	Manual Handling
	Workstation design	Poor housekeeping
	Manual handling	No teammates
Psychological	Shift work	Long shifts, Night Work
	Workload	Physical environment
		Cognitive environment
Biological	Bio Hazards	
	Biological pollutants	Airborne contaminants
		Airborne contaminants
	Biological agents	Animal bites/ insect stings
Radiation	Non-ionising	X-rays
	Ionising	

RISKS (Result of exposure/contact)
SAFETY
Fatigue
Fatigue / CO2 Poisoning
Sensitivity loss
Fatigue
Tripping/slipping/falling
Fatigue, headache, eye strain
Thermal burns/scalds
Heat stroke, dehydration
Frostbite
Hypothermia
Tripping/slipping/falling
Explosion
Thermal burns
Contusion
Asphyxiation
Caught between
Collision
Knocked/bumped
Falling material/load
Fall from height
Tripping/slipping/falling
Asphyxiation
Caught between moving machinery
Bumps and abrasions
Drowning
Electricution
Fire
Asphixiation
Conjunctivitis
Skin lesions
Thermal burns and inflammation
Explosion
Irritation

Irritation
Asphyxiation
Fire/explosion
Thermal burns and inflammation
Wrist stress
Fatigue
Fatigue
Tripping/slipping/falling
Back trauma
Muscle strain/fatigue
Tiredness or exhaustion, physical and mental
Reduced mental performance
Attention disorders
(Bacteria and viruses)
(Molds, fungi, pollen)
Wounds, inflammation/abrasion/ laceration
Thermal burns
Photo chemical effects

HEALTH

Noise Induced Hearing Loss (NIHL)

Hypertension, Stress

Ischemic heart disease

Induced white finger (Changes in tendons, muscles, bones and joints, and nervous system)

Whole-body Vibration (Back pain)

Byssinosis

Hypersensitivity pneumonitis

Occupational asthma

Dermatitis

Irritating to the upper respiratory

Chemical pneumonitis (inflammation of the lung)

Pulmonary edema

Pneumoconiosis

Silicosis
Siderosis - lung condition associated with iron particles
Asbestosis
Irritating to the upper respiratory
Carcinogenic
Mutagenic
Teratogenic
Poisoning
Dermatitis
Tendon disorders
Nerve disorders
Neurovascular disorders
Musculoskeletal disorders
Cumulative Trauma Disorders
Cumulative deterioration of the musculoskeletal system
Circadian desynchronisation (diabetes mellitus, epilepsy, thyrotoxicosis)
Social psychological disorders
Infectious illnesses: influenza, measles, chicken pox, asthma, legionella, TB
Disease causing toxins: sneezing, watery eyes, coughing, shortness of breath, dizziness, lethargy, fever, and digestive problems, asthma.
Viral/bacterial infection/ nerve systems
DNA Damage (Skin burns, hair loss, birth defects, illness, cancer, death)