

POSITION HAZARD ANALYSIS

JOB SERIES: 1350	JOB TITLE: Geologist, Supervisory Geologist		
EMPLOYEE NAME (Please Print):		OFFICE SYMBOL:	
EMPLOYEE SIGNATURE:			DATE:
ANALYZED BY (Immediate Supervisor):			DATE:
REVIEWED BY (Safety Office):			DATE:

	YES	NO
Is employee in the Medical Surveillance Program?	<input type="checkbox"/>	<input type="checkbox"/>
Is employee required to wear personal protective equipment (i.e., safety boots or glasses, respirators, hearing protection, etc.)?	<input type="checkbox"/>	<input type="checkbox"/>
Does employee require safety training (i.e., HTRW, confined space, HAZCOM, respirator, electrical, hearing)?	<input type="checkbox"/>	<input type="checkbox"/>

ACTIVITY	LOCATION	HAZARD	CONTROLS
Office work		Eye strain	Ensure proper lighting. Ensure computer monitor and document copy stand are at approximately the same height and distance. Reduce computer screen glare by installing anti-glare/anti-static screens.
		Wrist strain	Ensure computers keyboards are adjusted so that the elbows are at a 90 degree angle and arms and hands are parallel to the floor. Use wrist rests or other support so that wrists are maintained in a neutral position.
		Slips/trips/falls	Use good housekeeping practices. Secure tripping hazards (cords) to floor. Do not leave file drawers open when unattended.
		Lifting	Use proper lifting techniques. Get assistance when necessary. Keep the load close to the body and lift with the legs.
		Electrical shock	Do not reconfigure wiring in systems furniture panels. Ensure equipment is properly maintained and grounded. Protect electrical cords from damage by using cord covers.
		Office machinery	Do not wear loose clothing or jewelry. Be cautious when making mylar copies (hot).
		Walking	Be alert of walking surface, wear flat shoes.
		Falling off of furniture	Use step stool. Do not use furniture as a ladder.
		Cutting tools	Cut in the direction away from hands and body.
		File cabinets	To avoid tipping, fill the bottom file first. Do not open more than one drawer at a time.
Rock foundation inspection, drilling, blasting, grouting, core sampling	Field locations	Explosives	Know and adhere to controls outlined in EM 385-1-1, job specifications, and other relevant publications.
		Premature detonation of explosives	Individual in charge should be well qualified and qualifications should be carefully checked. Geologists should be very familiar with provisions of EM 385-1-1 concerning static electricity, drilling, and equipment operation near loading area, radio operation on site, and loading operations. All provisions shall be followed.
		Excessive fly rock	Proper stemming should be provided or blast nets used.
		Compressive foot injuries	Wear appropriate safety shoes/boots that meet ANSI Z 41.

ACTIVITY	LOCATION	HAZARD	CONTROLS
		Ankle injuries	Wear proper field boots with ankle height of at least 4 inches.
		Head injuries	Wear hard hat when exposed to overhead hazards. Hard hats are required to be worn at all times when in Hard Hat Areas.
		Eye injuries	Wear appropriate eye protection as necessary.
		Hand injuries	Wear appropriate gloves as necessary.
		Lifting	Use proper lifting techniques. Get assistance when necessary. When lifting, keep the load close to the body and lift with the legs.
		Noise	Wear proper hearing protection devices.
		Falling on slippery or rugged terrain	Wear proper field boots and be observant of terrain. Use safety lines when necessary.
		Moving equipment	Keep alert and out of the way of heavy equipment.
		Rock breaking and removal equipment	Proper protective equipment shall be worn. Inspection and/or mapping shall be performed in the absence of heavy equipment such as dozers or scrapers. Stay alert and out of the way of heavy equipment.
		Cement dust	Wear respirator and goggles. Keep a supply of eye wash water at the cement mixer.
		Pressurized liquid	Only those involved in the actual mixing or maintaining pressure on the hole should be in close proximity to the hazardous area.
		Exposure to hazardous wastes	Wear appropriate level of protective clothing and equipment. Be knowledgeable of procedures to follow when on hazardous waste sites. Maintain certification in accordance with 29 CFR 1910.120.
Travel	City, Highway and Secondary roads	Motor vehicle accidents	Obey traffic laws. Adjust vehicle operation to road and weather conditions. Employ defensive driving techniques. Complete defensive driver training once every 4 years.
		Uneven surfaces	Reduce speed appropriately.
		Deer and other wildlife	Stay alert, use caution, and drive defensively.
		Dust	Drive with windows closed.
		Reduced visibility	Ensure windows/mirrors are free from snow and ice. Drive with headlights on. Reduce speed appropriately.
		Slick, snowy, or icy roads	Use studded or chained tires, reduce speed, and increase following distances.
	Commercial travel	Airlines	Obey safety rules on common carrier transportation.