

<b>Garmong Construction Services</b>					
EMPLOYEE SAFETY POLICY HANDBOOK –					
<b>Last Revised:</b>	<b>January 25, 2012</b>	<b>By</b>	<b>Douglas Mahurin, MS, CSP</b>	<b>This Copy Printed:</b>	<b>1/25/2012 4:58:00 PM</b>

The following is a high level review of primary risks classes and correlated exposure associated with the scope of work:

<b>RISK CLASS REVIEW</b>	
<b>RISK CLASS</b>	<b>EXPOSURE</b>
Atmospheric	Dust, hydrocarbon fumes
Biological	Potentially infectious materials exposure, hantavirus, poisonous plants / animals / snakes/insects
Burn	Equipment contact, sunburn
Electrical	Overhead power, underground utilities, electrical storms
Property	Vandalism, theft
Physical Injury	Struck by, slip, trip, fall, strain, sprain, laceration, foreign object, equipment use/repair
Health	Stress, ergonomics. Physical exertion
Pressure	Pinch points
Radiation	Sunlight,
Other	Wet/winter and humid or Hot/summer working conditions (cold & heat stress)

<b>PROJECT PHASE</b>	<b>PRIMARY TASK</b>	<b>HAZARDS /ACTIVITY WITH POTENTIAL RISK/EXPOSURE</b>	
Mobilization	Moving, people / equipment to the site	Heavy Equipment operation	
		Vehicle Incidents – Defensive Driving / 3 <sup>rd</sup> party/ wildlife/ backing/ parking plans etc	
		Hoisting Lifting	
		Trailer Set-up – site plans, EMS plans,	
		Manual material handling	
		Portable Hand Tool	
		Overhead / Underground facilities (known/unknown)	
		Isolated areas - communication	
		Review emergency evacuation	
		Slip, Trip, Fall	
Field and Survey Investigation	Heavy Equipment Operation	Contact with facilities (known/unknown)	
		Contact with personnel/vehicles	
		Equipment failure	
		Operator area	
		Operation in hazardous area (pipeline facilities, uneven/unstable ground/underground facility etc)	
		Entrance/Exit of equipment	
		Ineffective Communication	
		Loading / Unloading Heavy Equipment	
		Security – prohibited use of equipment	
	Noise		
	Excavation		Contact with facilities (known / unknown)
			Excavation cave-in
			Access and egress
			Excavation Crew competency
Hydro-vac Operations			

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PROJECT PHASE	PRIMARY TASK	HAZARDS /ACTIVITY WITH POTENTIAL RISK/EXPOSURE
		Unsupported underground facilities
		Geotechnical drill-rig operations
		Challenging environmental conditions – weather/soil type etc
		Electrical Shock
		Explosion / fires / burns
		Pinch Points – rotating equipment
		Environmental Spills
		Ergonomics – force, repetition, awkward position, static postures, vibration, contact stress, temperature extremes
		Drowning
		Falling objects – trees , tools off overhead platforms
		Products - Flammable / liquids /solids, combustible liquids, compressed gases, explosives etc.)
		Fit to work – Fatigue, mental health, physical health, drug and alcohol
		Noise
		Dust / particles
		Energized equipment
		Communication
		Flying objects -
		Poisonous plants, insects, animals, snakes
		Challenging working surfaces
		Hand tools/equipment – power tools, grinders, chainsaw, pneumatic tools, liquid fuel tools, hydraulic tools