



Contractor Safety Program Risk Matrix – Definition and Examples

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PG&E’s Contractor Safety Program applies to all contractors and subcontractors of any tier, performing Medium and/or High Risk Work for PG&E. The examples of work scopes below are not all-inclusive and are the established guidelines for PG&E Lines of Business personnel to determine the risk classification for the work to be performed.

Risk Category	Examples of Work Scopes or Work Activities	Primary Triggers
Low Risk	<ul style="list-style-type: none"> • Consulting, classroom training • Office engineering, design, inspection (limited to no direct exposure to site hazards) • Project Management Office (PMO) services • Basic landscaping services such as lawn mowing, trimming, and pruning (no trenching) • Material delivery off PG&E premises (Shipping) • Transportation of materials (limited to Material Handling off-site to PG&E premises) • Unarmed security services 	<ul style="list-style-type: none"> • Performs NO work activities covered in the Medium/High risk definitions • Does NOT require ANY of the pre-requisites covered in the Medium/High Risk definitions • Does NOT require Occupational Safety and Health Administration (OSHA) safety and health programs to address specific criteria identified below under high and Medium Risk definitions, including any OSHA required training, to mitigate task and location specific hazards
Medium Risk	<ul style="list-style-type: none"> • Excavating and trenching under 4 feet (excluding hand digging within 2 feet of depth) • Geotechnical investigation, potholing, drilling, boring, horizontal directional drilling (HDD) • Surveying, field inspection, construction management, engineering, design services that require specialized PPE • Material Handling (on/off loading materials using mechanical electric or pneumatic equipment) • Bulk hazardous chemicals transport and handling • Compressed natural gas (CNG) / liquefied natural gas (LNG) handling 	<ul style="list-style-type: none"> • Requires OSHA safety and health programs, including OSHA required training, to mitigate task and location specific hazards • Work requires advanced or specialized PPE, beyond hard hat, safety boots, safety glasses and reflective vest (Examples: personal fall arrest/restraint system, respirator, SCBA, rubber gloves, ear plugs/hearing protection, Flame Resistant (FR) clothing, Electrical Hazard (EH) boots, Energy Control Locks, Tyvek suit, etc.)
High Risk	<ul style="list-style-type: none"> • Excavation and trenching beyond 4 feet (includes hand digging) • Heavy equipment operation (crane, fork lift, front loader, backhoe, bobcat, bucket truck, aerial lift, boom lift, skidder) • Underwater diving operations • Aviation operations (helicopter, fixed wing) • Demolition / blasting / explosive work • Utility tree trimming, clearance work, vegetation management • Hazardous waste disposal/treatment/transportation, contaminated soil, asbestos, lead, etc. • General construction activities such as framing, sawing, cutting, welding, boring, blasting, coating, grinding, roofing, commercial painting using specialized equipment, electrical/gas installation, scaffolding, civil • Traffic control flagging • Pesticide, herbicide application • Armed security services • Welding and/or hot tapping of gas lines • Electrical work • Conductor stringing / sagging removal • Fault protection / grounding • Radiological handling activities 	<ul style="list-style-type: none"> • Work requires specialized training, formal training, licensing, certification or qualification (Examples: HVAC, Industrial Lift Truck, Permit Required Confined Space Training, Fall Protection Training, Crane Operator certification, pest control applicators license, FERC/NERC training, HAZWOPPER, etc.) • Work directly exposes contract employee(s) to the hazards associated with the other work (Examples: Suspended load spotters, aggregate haulers where delivery of materials requires material handling or site hazard exposure, heavy equipment is in operation, traffic control flaggers)