

Enterprise Contractor Safety Management Standard

Attachment 2, Enterprise Contractor Safety Matrix

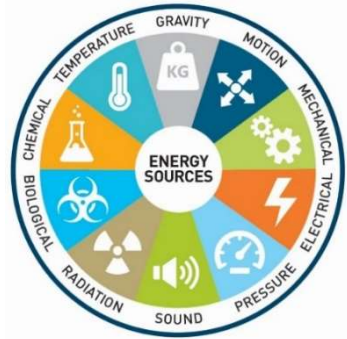
PG&E's Enterprise Contractor Safety Program applies to all contractors, including subcontractors, that provide medium and/or high-risk services on PG&E's sites or assets.

PG&E personnel or designees responsible for overseeing contract partners must understand the risk definitions identified in **Attachment 2, "Enterprise Contractor Safety Risk Matrix"** and use them as a guide to properly classify the risk.

It is the responsibility of Functional Area personnel to determine the risk classification of contract work being performed based on the guidelines provided below.

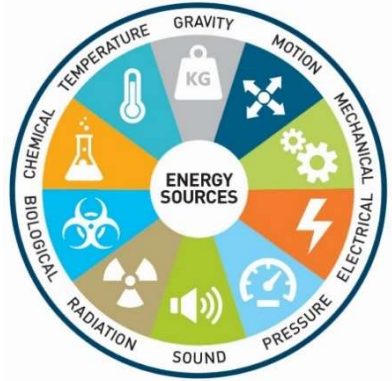
The overseeing Functional Area (FA) must review and update the risk assessment annually to ensure accuracy. The examples of work scopes or work activities are not all-inclusive and may not adequately represent the risk without further evaluation. This Example Scope Table must be used in conjunction with the Risk Matrix Flow Chart for the assignment of project risk levels.

Any issues regarding the risk classification of a contractor and their work activities should be assessed and determined between the FA Contractor Safety Champion, Supply Chain/Procurement Representative and EHS Enterprise Contractor Safety.

Risk Category	Examples of Work Scopes or Work Activities	Primary Triggers
Low Risk Work falls outside of the Contractor Safety Standard oversight, but safe work practices for these scopes are still required on PG&E sites (such as the use of JHAs, PPE, and Training per OSHA and manufacturing requirements)	- Consulting, Office-Based Project Management Office (PMO) Services, classroom training - Office-based engineering and design - Security Services: Unarmed - Basic Landscaping services including standard lawn mowing, trimming, and pruning with hand tools. *No trenching or vegetation management work, fall hazards, or use of heavy equipment* - Surveying, field inspection, construction management, engineering, design services, etc. that are onsite, remain outside the work exclusion zone per the scope of work, and with no exposure to Low Energy Hazards that may cause life-altering or life-ending injuries as defined in the Risk Matrix Flowchart - Pesticide or herbicide application when performed according to manufacturer's recommendations/directions	- Performs NO work activities covered in the Medium/High-Risk examples. - Does NOT require ANY of the pre-requisites covered in the Medium/High-Risk work activities. - No Life-Altering or Life-Threatening Energy Sources present that could be released within proximity to people and potentially cause a Serious Injury or Fatality 

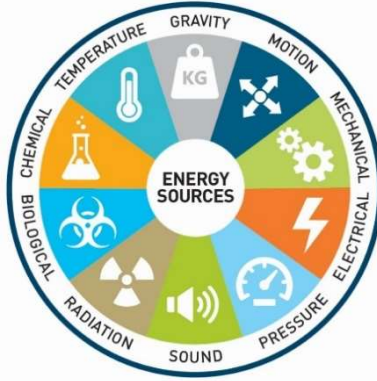
Enterprise Contractor Safety Management Standard

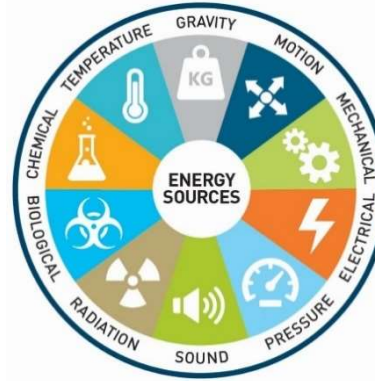
Attachment 2, Enterprise Contractor Safety Matrix

Risk Category	Examples of Work Scopes or Work Activities	Primary Triggers
Medium Risk Required to be ISN registered, connected to PG&E and qualified with an A or B grade	- Bulk hazardous chemicals transport and handling, when chemicals do not meet the high energy threshold defined by EEI - Chemical use, when chemicals do not meet the high energy threshold defined by EEI - Pesticide, herbicide application when not performed according to manufacturer's recommendations/directions - Emergency response clean-up services - Electrical work less than 50 volts/instrumentation - Infrastructure inspection, including radiography, that falls under Maintenance and Construction (M&C) activities - Excavating and trenching under 4 feet (excluding hand digging within 2 feet of depth), with no known exposure to high-energy buried utilities - Geotechnical investigation, potholing, drilling, boring, with no powered excavation means, or known exposure to high-energy buried utilities - Drone Operations - Enclosed space entry (not a confined space) with no additional exposure to high energy hazards - Industrial motorized equipment operation, not specified as "high risk" (such as a compactor or tiller) - Onsite industrial motorized equipment maintenance or repair, such as Mobile Mechanics, when using powered mechanical, electric, or pneumatic equipment - Material Delivery, Handling, and Transportation (on/off loading materials using powered mechanical, electric, or pneumatic equipment)	Exposure to an identified energy source that has the potential to cause a SIF event but does not surpass the 500 ft lbs. threshold for High Risk using the attached Risk Matrix Flowchart. 

Enterprise Contractor Safety Management Standard

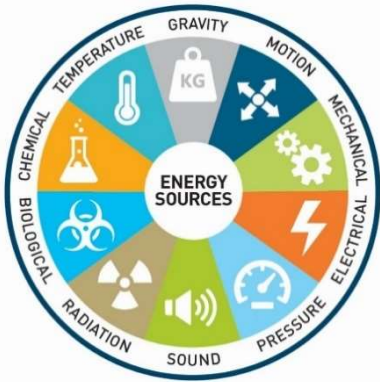
Attachment 2, Enterprise Contractor Safety Matrix

Risk Category	Examples of Work Scopes or Work Activities	Primary Triggers
Medium Risk Required to be ISN registered, connected to PG&E and qualified with an A or B grade	- Surveying, field inspection, construction management, engineering, design services, etc. that are onsite with no exposure to high-risk hazards - Any other work that exposes workers to low-energy conditions that may result in a life-threatening or life-altering incident (refer to Risk Matrix Flowchart)	Exposure to an identified energy source that has the potential to cause a SIF event but does not surpass the 500 ft lbs. threshold for High Risk using the attached Risk Matrix Flowchart. 

Risk Category	Examples of Work Scopes or Work Activities	Primary Triggers
High Required to be ISN registered, connected to PG&E and qualified with an A or B grade A Programmatic Safety Plan or Project (Site) Specific Safety Plan is required for all High-Risk work.	- Conductor stringing/sagging removal - Electrical work equal to or greater than 50 volts - Exposure to arc flash hazards - Fault protection/temporary protective grounding - Substation work with exposure of 50 volts or more (installing temporary protective grounding/TPG, use of live-line tools, rubber gloving, etc.) - Confined space entry (including inert entry as defined by OSHA and PG&E standards) - Tank & Vessel Cleaning (when considered a confined space)	Work performed in the presence of a high-energy source that requires contract worker(s) to install, verify, and properly use direct/alternative controls to prevent a serious injury or fatality. 

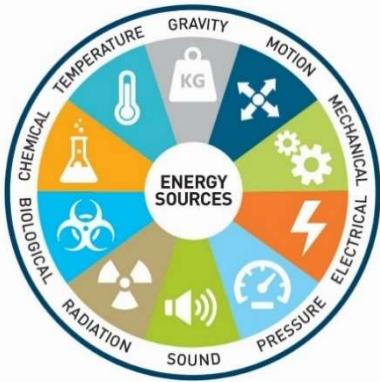
Enterprise Contractor Safety Management Standard

Attachment 2, Enterprise Contractor Safety Matrix

Risk Category	Examples of Work Scopes or Work Activities	Primary Triggers
High Required to be ISN registered, connected to PG&E and qualified with an A or B grade A Programmatic Safety Plan or Project (Site) Specific Safety Plan is required for all High-Risk work.	- Excavation and trenching beyond 4 feet (includes hand digging and/or entering an excavation beyond 4 feet) - Horizontal directional drilling (HDD) and bell-hole excavation - Vacuum truck and Air or Water Knife (cutting/sawing) Operations - Vacuum trucks used in hydrocarbon service - General construction activities using a powered tool such as framing, sawing, cutting, welding, boring, grinding, electrical/gas installation, concrete coring, scaffolding erecting/ dismantling/modifying, and roofing - Welding and/or hot tapping of gas lines - Work on or at a live flare or against a live relief line (Gas operations) - Demolition/blasting/explosive work - Compressed natural gas (CNG)/liquified natural gas (LNG) services - Marine operations involving personnel transfer at waterways, cargo handling, anchor handling, management of hoses, line handling, vessels engaged in SIMOPS, dredging, general barge operations, etc. - Working on or around water where there is a risk of drowning - Underwater diving operations - Work-at-height requiring fall protection or Personal Fall Arrest Systems	Work performed in the presence of a high-energy source that requires contract worker(s) to install, verify, and properly use direct/alternative controls to prevent a serious injury or fatality. 

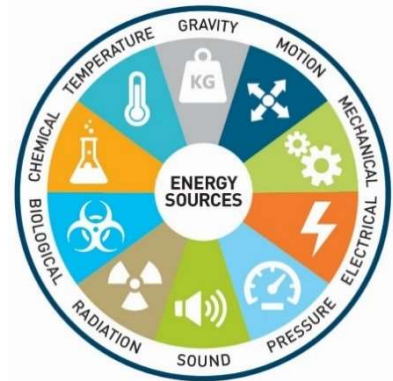
Enterprise Contractor Safety Management Standard

Attachment 2, Enterprise Contractor Safety Matrix

Risk Category	Examples of Work Scopes or Work Activities	Primary Triggers
High Required to be ISN registered, connected to PG&E and qualified with an A or B grade A Programmatic Safety Plan or Project (Site) Specific Safety Plan is required for all High-Risk work.	- Commercial painting when working at heights exceeding 4 feet - Hazardous materials or hazardous waste disposal, treatment, or transportation, including hazardous water, contaminated soil, asbestos, lead, PCBs, etc. (RCRA or Non-RCRA Hazardous Waste) (For Nuclear Operations with mixed hazardous waste, refer to Radiological Handling Operations task) - Coating equipment or materials when exposed to hazardous chemicals - Biohazard exposure including exposure to flora (poison oak) and fauna (stings and bites) hazards - Abatement or direct exposure to bloodborne pathogens (needles, human waste) - Radiological handling operations with direct exposure to radiation hazards, including onsite packaging and cask leak tests. (Excludes transportation only providers) - Rail operations - Traffic Control Operations with exposure to vehicular traffic (including temporary traffic control set up and flagging) - Vegetation Management (including utility tree trimming, clearance work, and chipping) - Aviation Operations (helicopter, fixed wing) - All crane operations (Including Rigging Operations and "Jack & Roll" Operations)	Work performed in the presence of a high-energy source that requires contract worker(s) to install, verify, and properly use direct/alternative controls to prevent a serious injury or fatality. 

Enterprise Contractor Safety Management Standard

Attachment 2, Enterprise Contractor Safety Matrix

Risk Category	Examples of Work Scopes or Work Activities	Primary Triggers
High Required to be ISN registered, connected to PG&E and qualified with an A or B grade A Programmatic Safety Plan or Project (Site) Specific Safety Plan is required for all High-Risk work.	- Commercial painting when working at heights exceeding 4 feet - Industrial motorized equipment operation: forklift, front loader, backhoe, bobcat, bucket truck, aerial lift, boom lift, skidder, vacuum truck - UTV operations or transportation - Security Services: Armed - Any other work that exposes workers to high-energy conditions that may result in a life-threatening or life-altering incident (refer to Flowchart)	Work performed in the presence of a high-energy source that requires contract worker(s) to install, verify, and properly use direct/alternative controls to prevent a serious injury or fatality. 

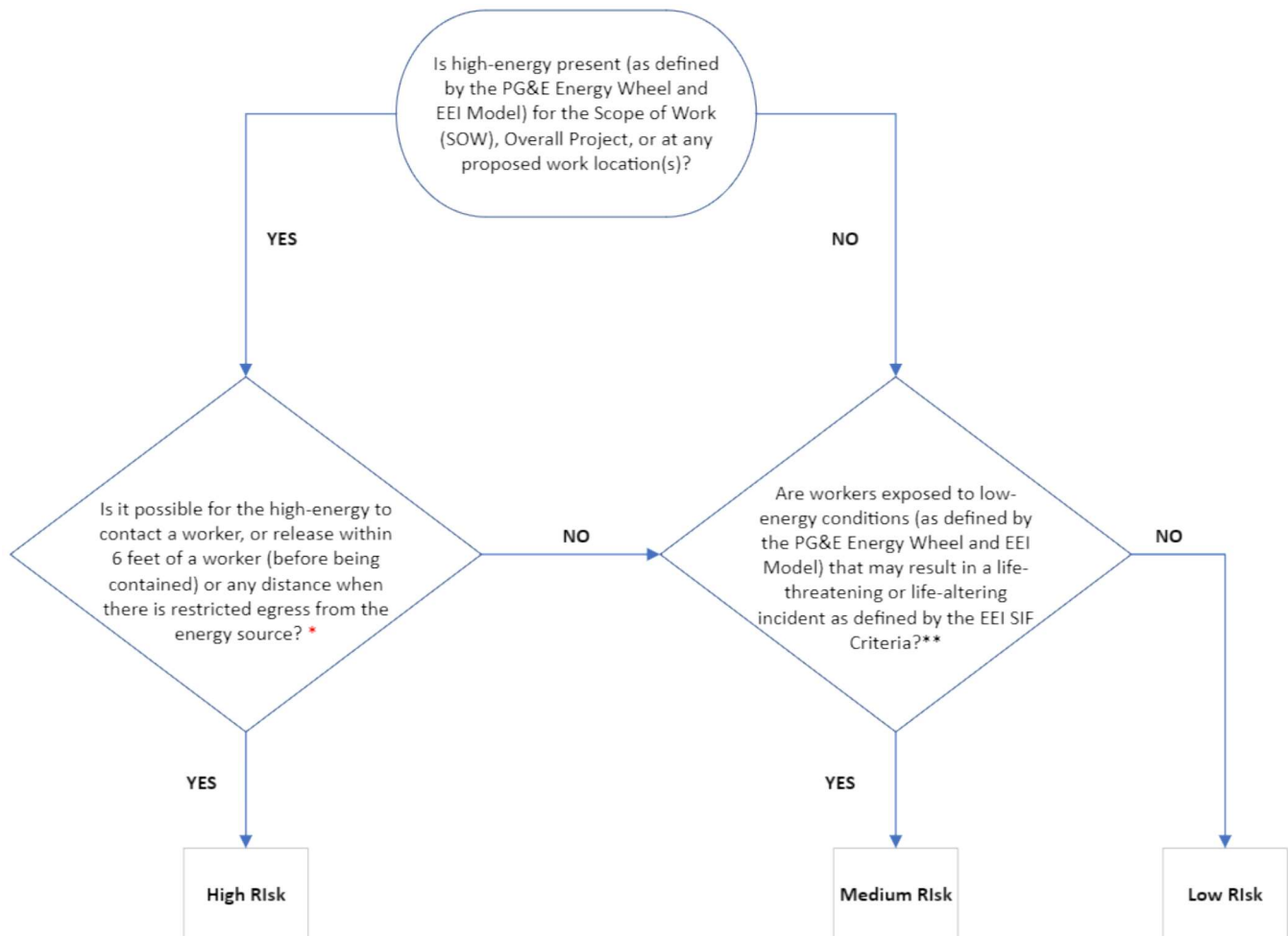
Enterprise Contractor Safety Management Standard

Attachment 2, Enterprise Contractor Safety Matrix

Risk Matrix Flowchart & Instructions

This Example Scope Table above **must be used in conjunction with the Risk Matrix Flow Chart** for the assignment of project risk levels.

Site Specific considerations and the full scope of work (such as what equipment is in use) are required to be considered for all scopes; example scopes are only guidelines.



Enterprise Contractor Safety Management Standard

Attachment 2, Enterprise Contractor Safety Matrix

Low Energy Conditions That May Result in a Life-Threatening or Life-Altering Incident

This list is non-exhaustive. PG&E Safety Champions with subject matter expertise on SIF prevention and the SIF Capacity and Learning Model should consider, at minimum, the following parameters for potential low-energy conditions that may result in a SIF event when exposed or within proximity to the energy source.

1. Low-Energy conditions may include the same high-energy sources, but at a reduced level or quantity (i.e., falls from heights less than 4-ft, excavation depth less than 5-ft, or exposure to less than 50 volts of electricity).
2. Low-Energy conditions may also relate to health or physiology. This may include exposures that: cause acute or chronic health conditions, are acutely hazardous as identified by state and federal regulations; or are materials known to cause cancer, reproductive harm, or physical ailments when an exposure occurs at or above permissive exposure limits (PELs). Refer or consult with PG&E Industrial Hygiene (IH) subject matter experts for clarification as needed.
3. Any other work-scope or worksite conditions that expose workers to low-energy conditions that may result in a life-threatening or life-altering incident.

Note: A PG&E escort onsite DOES NOT mitigate or eliminate the exposure to low-energy life-threatening conditions.

High Energy Motion Exemptions

Driving is a high-energy task and is common to all work types. However, not all driving operations present significant risk for Serious Injury and Fatality (SIF).

When operating a passenger vehicle and no other energy is involved, such as commuting, this is exempt from classification of Medium or High-Risk, except when the vehicle is for “Off Highway Use” such as an ATV, Side-by-Side, or other similar transportation unit.

PPE and Specialized Training/Certification

Specialized Personal Protective Equipment (including general PPE, such as Flame Retardant (FR)) or training/certification requirements are not triggers on their own. When considering the classification of risk, ask “why is this PPE/training/certification required”?

Is there high-energy present that is requiring the PPE/training/certification for the work? Is there a potential or likelihood for a SIF event to occur that is prompting the use or need?

Use the High-Energy Flow Chart and this thought process to identify the proper risk classification.

Enterprise Contractor Safety Management Standard

Attachment 2, Enterprise Contractor Safety Matrix

Out of Scope of SAFE-3001S

The following work scopes have been identified as vendor services that fall outside of the scope of SAFE-3001S.

Risk Category	Out of Scope of SAFE-3001S	Primary Triggers
Outside of SAFE-3001S Scope	- Vehicle and equipment recovery, including towing operations - Equipment rental delivery or offloading (limited to no other equipment operation) - Material Delivery, Handling, and Transportation, such as slurry providers. On/off loading materials not using powered mechanical, electric, or pneumatic equipment (excluding hazardous materials and hazardous waste)	Per SAFE-3001S Section 1.2.2: Vendors, suppliers, manufacturers, professional services (e.g., engineering, design, etc.) contracted by PG&E to provide goods and services to PG&E where the work being performed is not on PG&E property or within PG&E's right of way and not related to the maintenance and construction of PG&E infrastructure.

DEFINITIONS

EEI – Edison Electric Institute: Association of US Investor-Owned Electric Companies that provides public policy leadership, strategic business intelligence, and essential conferences and forums for utilities and others in the electric power industry. EEI published the Safety Classification and Learning (SCL) Model that details High Energy Hazards and Direct Controls. ([Additional Information](#))

High Energy Hazard: A hazard that exceeds 500 foot-pounds of physical energy. These hazards are most likely to cause a SIF if an employee contacts the energy. ([Additional Information](#))



Enterprise Contractor Safety Management Standard

Attachment 2, Enterprise Contractor Safety Matrix

Low Energy: A source of energy that is below the 500 ft/lbs. threshold but has the ability or likelihood to cause a SIF event when contact is made or proximity to a release occurs.

Proximity: A circumstance where a high-energy source may be within 6 feet of a worker before being contained or any distance when there is restricted egress from the energy source.

SIF (Serious Incident & Fatality): Fatalities and life-threatening and life-altering injuries including: a life-threatening injury or illness that required immediate life-preserving action that if not applied immediately would have resulted in the death of that person; or a life-altering injury or illness that resulted in a permanent and significant loss of a major body part or organ function.

REVISION NOTES

Where?	What Changed?
5/23/2024	
Introduction	Added: - PG&E personnel or designees responsible for overseeing contract partners must understand the risk definitions identified in Attachment 2, “Enterprise Contractor Safety Risk Matrix” and use them as a guide to properly classify the risk. <i>The overseeing Functional Area (FA) must review and update the risk assessment annually to ensure accuracy. The examples of work scopes or work activities are not all-inclusive and may not adequately represent the risk without further evaluation. This Example Scope Table must be used in conjunction with the Risk Matrix Flow Chart for the assignment of project risk levels.</i>
Risk Category Work Scope Examples	Reorganization of tasks within existing Risk Categories
Low Risk Category	Added Risk Definition: “Work falls outside of the Contractor Safety Standard oversight, but safe work practices for these scopes are still required on PG&E sites (such as the use of JHAs, PPE, and Training per OSHA and manufacturing requirements.” Removed Primary Trigger: “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.”
Low Risk Scopes	See Below for Individual Scopes
Original Scope	Updated Scope
Consulting, classroom training	Consulting, Office-Based Project Management Office (PMO) Services, classroom training
Office engineering, design, and inspection	Office-based engineering and design

Enterprise Contractor Safety Management Standard

Attachment 2, Enterprise Contractor Safety Matrix

(limited to no direct exposure to site hazards)	
Project Management Office (PMO) services	Removed scope (combined with Consulting and classroom training)
Basic Landscaping services such as lawn mowing, trimming, and pruning (no trenching)	Basic Landscaping services including standard lawn mowing, trimming, and pruning with hand tools. *No trenching or vegetation management work, fall hazards, or use of heavy equipment.*
Material delivery off PG&E premises (Shipping)	Removed scope. Adjusted scope added to Outside of SAFE-3001S Scope: "Material Delivery, Handling, and Transportation, such as slurry providers. On/off loading materials not using powered mechanical, electric, or pneumatic equipment (excluding hazardous materials and hazardous waste)"
Transportation of materials (limited to Material Handling off-site to PG&E premises)	Removed scope. Adjusted scope added to Outside of SAFE-3001S Scope: "Material Delivery, Handling, and Transportation, such as slurry providers. On/off loading materials not using powered mechanical, electric, or pneumatic equipment (excluding hazardous materials and hazardous waste)"
New Scope Added:	Surveying, field inspection, construction management, engineering, design services, etc. that are onsite, remain outside the work exclusion zone per the scope of work, and with no exposure to low energy hazards that may cause life-altering or life-ending injuries as defined in the Risk Matrix Flowchart.
New Scope Added:	Pesticide, herbicide application when performed according to manufacturer's recommendations/directions.
Medium Risk Category	Added Risk Definition: "Required to be ISN registered, connected to PG&E and qualified with an A or B grade." Added Primary Trigger: "Exposure to an identified energy source that has the potential to cause a SIF event but does not surpass the 500 ft lbs. threshold for High Risk using the attached flow chart." Removed Primary Trigger: "Requires OSHA safety and health programs, including OSHA required training, to mitigate task and location specific hazards." Removed Primary Trigger: "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.)"
Medium Risk Scopes	See Below for Individual Scopes
Original Scope	Updated Scope
Bulk hazardous chemicals transport and	Bulk hazardous chemicals transport and handling, when chemicals do not meet the high energy threshold defined by EEI

Enterprise Contractor Safety Management Standard

Attachment 2, Enterprise Contractor Safety Matrix

handling	
Compressed natural gas (CNG)/liquified natural gas (LNG) handling	Moved to High Risk
Process chemical services	Chemical use, when chemicals do not meet the high energy threshold defined by EEI
New Scope Added:	Moved from High Risk to Medium Risk. "Pesticide, herbicide application when not performed according to manufacturer's recommendations/directions."
Equipment inspection, including radiography	Infrastructure inspection, including radiography, that falls under Maintenance and Construction (M&C) activities
Excavating and trenching under 4 feet (excluding hand digging within 2 feet of depth)	Excavating and trenching under 4 feet (excluding hand digging within 2 feet of depth), with no known exposure to high-energy buried utilities
Geotechnical investigation, potholing, drilling, boring, horizontal directional drilling (HDD)	Geotechnical investigation, potholing, drilling, boring, with no powered excavation means, or known exposure to high-energy buried utilities
New Scope Added:	Drone Operations (previously High Risk)
New Scope Added:	Enclosed space entry (not a confined space) with no additional exposure to high energy hazards
Industrial motorized equipment operation, not specified as "high risk"	Industrial motorized equipment operation, not specified as "high risk" (such as a compactor or tiller), including on and off loading of equipment.
Industrial motorized equipment maintenance	Onsite industrial motorized equipment maintenance or repair, such as Mobile Mechanics, when using powered mechanical, electric, or pneumatic equipment.
Material Handling (on/off loading materials using mechanical, electric, or pneumatic equipment)	Material Delivery, Handling, and Transportation (on/off loading materials using powered mechanical, electric, or pneumatic equipment)
Surveying, field inspection, construction management, engineering, design services that require specialized PPE	Surveying, field inspection, construction management, engineering, design services, etc. that are onsite with no exposure to high risk hazards.
Any other work performed under a general work permit	Any other work that exposes workers to low-energy conditions that may result in a life-threatening or life-altering incident (refer to Flowchart)
Mechanical services (conveyors, structural/civil work)	Removed Scope
High Risk Category	Added Risk Definition: "Required to be ISN registered, connected to PG&E and qualified with an A or B grade. A Programmatic Safety Plan or Project (Site) Specific Safety Plan is required for all High-Risk work." Added Primary Trigger: "Work performed in the presence of a high-

Enterprise Contractor Safety Management Standard

Attachment 2, Enterprise Contractor Safety Matrix

	energy source that requires contract worker(s) to install, verify, and properly use direct/alternative controls to prevent a serious injury or fatality.” Removed Primary Trigger: “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, HAZWOPER, etc.)” Removed Primary Trigger: “Work that 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)”
Always High Risk Category	Removed Always High and Trigger of “Regardless of annual work hours.”
High Risk & Always High Risk Scopes	See Below for Individual Scopes
Original Scope	Updated Scope
Electrical work equal to or greater than 50 volts (energized, de-energized, or in an electrically classified area)	Electrical work equal to or greater than 50 volts
New Scope Added:	Exposure to arc flash hazards
Fault protection/grounding	Fault protection/temporary protective grounding
High voltage substation work on energized conductors (exclusive of only operating switch gears)	Substation work with exposure of 50 volts or more (installing temporary protective grounding/TPG, use of live-line tools, rubber gloving, etc.)
Confined space entry (excludes inert entry which is "always high")	Confined space entry (including inert entry as defined by OSHA and PG&E standards)
Inert confined space entry	Removed Scope
Tank Cleaning	Tank & Vessel Cleaning (when considered a confined space)
Excavation and trenching beyond 4 feet (include hand digging)	Excavation and trenching beyond 4 feet (includes hand digging and/or entering an excavation beyond 4 feet)
New Scope Added:	Horizontal directional drilling (HDD) and bell-hole excavation
New Scope Added:	Vacuum truck and Air or Water Knife (cutting/sawing) Operations.
General construction activities such as framing, sawing, cutting, welding, boring, blasting,	General construction activities using a powered tool such as framing, sawing, cutting, welding, boring, grinding, electrical/gas installation, concrete coring, scaffolding erecting/ dismantling/modifying, and roofing

Enterprise Contractor Safety Management Standard

Attachment 2, Enterprise Contractor Safety Matrix

coating, grinding, roofing, commercial painting using specialized equipment, electrical/gas installation, scaffolding erecting, dismantling and modifying, civil	
Work on or at a live flare or against a live relief line	Work on or at a live flare or against a live relief line (Gas operations)
Marine operations involving personnel transfer at waterways, cargo handling, anchor handling, management of hoses, line handling and vessels engaged in SIMOPS	Marine operations involving personnel transfer at waterways, cargo handling, anchor handling, management of hoses, line handling, vessels engaged in SIMOPS, dredging, general barge operations, etc.
New Scope Added:	Working on or around water where there is a risk of drowning
Work-at-height requiring fall protection	Work-at-height requiring fall protection or Personal Fall Arrest Systems
New Scope Added:	Commercial painting when working at heights exceeding 4 feet
Hazardous water disposal/treatment/transportation, contaminated soil, asbestos, lead, etc.	Hazardous materials or hazardous waste disposal, treatment, or transportation, including hazardous water, contaminated soil, asbestos, lead, PCBs, etc. (RCRA or Non-RCRA Hazardous Waste) (For Nuclear Operations with mixed hazardous waste, refer to Radiological Handling Operations task)
New Scope Added:	Coating equipment or materials when exposed to hazardous chemicals
New Scope Added:	Biohazard exposure including exposure to flora (poison oak) and fauna (stings and bites) hazards
New Scope Added:	Abatement or direct exposure to bloodborne pathogens (needles, human waste)
Radiological handling activities	Radiological handling operations with direct exposure to radiation hazards, including onsite packaging and cask leak tests. (Excludes transportation only providers)
Traffic Control Flagging	Traffic Control Operations with exposure to vehicular traffic (including temporary traffic control set up and flagging)
Vegetation Management: Utility tree trimming, clearance work	Vegetation Management (including utility tree trimming, clearance work, and chipping)
Aviation Operations (helicopter, fixed wing, and drone operation)	Aviation Operations (helicopter, fixed wing). Drone Operations moved to Medium Risk.
All crane operations including critical lifts	All crane operations (Including Rigging Operations and "Jack & Roll" Operations)
Personnel transportation service providers (by land, marine, or air)	Removed Scope (included in Marine Operations below)

Enterprise Contractor Safety Management Standard

Attachment 2, Enterprise Contractor Safety Matrix

New Scope Added:	UTV operations or transportation
Any other work that requires specialized permits	Any other work that exposes workers to high-energy conditions that may result in a life-threatening or life-altering incident (refer to Flowchart)
Risk Matrix Flowchart	Added the following elements and sections: • Risk Matrix Flowchart and Instructions • Low Energy Conditions That May Result in a Life-Threatening or Life-Altering Incident • High Energy Motion Exemptions • PPE and Specialized Training/Certification
Out of Scope of SAFE-3001S	Added work scopes that fall out of scope for SAFE-3001S, including: • Vehicle and equipment recovery, including towing operations • Equipment rental delivery or offloading (limited to no other equipment operation) • Material Delivery, Handling, and Transportation, such as slurry providers. On/off loading materials not using powered mechanical, electric, or pneumatic equipment (excluding hazardous materials and hazardous waste)
SIF (Serious Incident & Fatality) Definition	Added “including: a life-threatening injury or illness that required immediate life-preserving action that if not applied immediately would have resulted in the death of that person; or a life-altering injury or illness that resulted in a permanent and significant loss of a major body part or organ function.”
PG&E Document Sections	Added the following sections: • Definitions • Implementation Responsibilities • Governing Document • Compliance Requirement / Regulatory Commitment • Document Approver, Owner, & Contact