

Pre-Work Hazard Assessment (PWA)

Work Description: New gas interconnection

Work Location: Big Sandy Plant

The scope of this Work may involve certain hazards requiring Contractor to implement controls to eliminate or mitigate personnel exposures. The hazards and hazard-producing activities checked below are anticipated as best as can reasonably be determined by Owner to be those with the potential to pose risks to safety and health during the Work. This list has been developed by Owner for its and Contractor's initial planning purposes only. No claim or representation is expressed or implied that it is comprehensive, all-inclusive, accurate, or complete, or that items not listed will not be present or pose no threat to personnel safety or health. If selected below, ensure that the contractor and contractor oversight reads and understands the applicable AEP Policies and Procedures.

* May require site permit

** Reference AEP Contractor Safety Site

Work Activities

<input checked="" type="checkbox"/> *Numerous, deep, or complex excavation or trenching*	<input type="checkbox"/> Diving operations	<input checked="" type="checkbox"/> Special PPE Requirements
<input type="checkbox"/> *Drilling, auguring, boring, or other soil disturbances in areas with congested buried utilities*	<input checked="" type="checkbox"/> Prolonged work in tight or awkward locations (ergonomics)	<input type="checkbox"/> Other items list below
<input type="checkbox"/> Working over water	<input type="checkbox"/> Cutting: ** Knife Policy Requirements	<input type="checkbox"/>
<input type="checkbox"/> Operating equipment under or near overhead power lines	<input type="checkbox"/> *Open, installing, removing grating*	<input type="checkbox"/>
<input type="checkbox"/> Crane use Tons Reach Lift ** C-OI - Rigging and Hoisting	<input type="checkbox"/> *Demolition*	<input type="checkbox"/>
<input type="checkbox"/> Multiple cranes operating simultaneously - ** C-OI - Rigging and Hoisting	<input type="checkbox"/> Helicopter operations	<input type="checkbox"/>
<input type="checkbox"/> *Exposed energized electrical lines or equipment ** C-OI-Electric Lines and Equipment Clearance	<input type="checkbox"/> Pile driving	<input type="checkbox"/>
<input type="checkbox"/> Working at heights - ** Fall Protection Requirement FAQ	<input type="checkbox"/> Water impoundment (dam, dike, etc.)	<input type="checkbox"/>
<input type="checkbox"/> Scaffolding _____ft	<input checked="" type="checkbox"/> Heavy earth-moving equipment	<input type="checkbox"/>
<input type="checkbox"/> ** Gate Req/Suspended Scaffold Rigging/15' Procedure	<input checked="" type="checkbox"/> *High pressure (air, water, steam, gas)*	<input type="checkbox"/>
<input checked="" type="checkbox"/> Stacked work (i.e., working above & below)	<input checked="" type="checkbox"/> *Clearance Permit* # _____	<input type="checkbox"/>
<input checked="" type="checkbox"/> *Permit-required confined space entry* # _____	<input type="checkbox"/> *Hot work*	<input type="checkbox"/>
<input type="checkbox"/> Explosive use/blasting	<input type="checkbox"/> Arc Flash	<input type="checkbox"/>
<input checked="" type="checkbox"/> Highly flammable gases or chemicals _____		

Worksite Conditions

<input type="checkbox"/> High water table, site subject to flooding, or heavy rains	<input checked="" type="checkbox"/> Abandoned-in-place utilities or equipment
<input type="checkbox"/> Contaminated soil or water	<input type="checkbox"/> Low lighting
<input type="checkbox"/> Congested work site	<input checked="" type="checkbox"/> Vehicular traffic
<input checked="" type="checkbox"/> Adjacent activities:	<input checked="" type="checkbox"/> Working around Moving/Operating/Energized Equipment
<input type="checkbox"/> Combustible dust	<input type="checkbox"/> Other items list below
<input type="checkbox"/> High winds	<input type="checkbox"/>
<input type="checkbox"/> Ice/snow/freezing temperatures	<input type="checkbox"/>
<input checked="" type="checkbox"/> Rugged, uneven, treacherous terrain or site conditions	<input type="checkbox"/>
<input checked="" type="checkbox"/> Animals/insects	<input type="checkbox"/>

Human Performance

<input checked="" type="checkbox"/> First time evolution New/ Inexperienced Workforce Plan	<input type="checkbox"/> Error Traps _____
<input type="checkbox"/> Schedule ** "13 Day Rule " S&H T&C Section 3.8	<input type="checkbox"/> Other items list below
<input type="checkbox"/> Non-English Speaking Employees Bilingual Action Plan	<input checked="" type="checkbox"/> Questioning attitude
<input type="checkbox"/> Confusion/Mix-up potential (labeling, look-alike equipment, etc)	<input checked="" type="checkbox"/> Stop when uncertain
<input checked="" type="checkbox"/> Distractive environment	<input type="checkbox"/>

Environmental/IH

<input type="checkbox"/> Arsenic**	<input type="checkbox"/> IDLH atmosphere
<input type="checkbox"/> Asbestos	<input type="checkbox"/> Legionella/biological – circulating water
<input type="checkbox"/> Chemical	<input type="checkbox"/> PCB
<input type="checkbox"/> Cadmium**	<input type="checkbox"/> Lead**
<input type="checkbox"/> ** Negative Exposure Assessment/Weld fume Specifics	<input checked="" type="checkbox"/> Plants/Weeds
<input checked="" type="checkbox"/> Heat stress	<input type="checkbox"/> Mercury
<input type="checkbox"/> Hazardous Waste	<input type="checkbox"/> Radiation (ionizing & non ionizing)
<input type="checkbox"/> Herbicide/pesticide	<input type="checkbox"/> Silica
<input type="checkbox"/> Hexavalent Chromium**	<input type="checkbox"/> Welding Fume** (Welding, Cutting, Brazing Policy Section)
<input type="checkbox"/> Anhydrous Ammonia**	<input type="checkbox"/> Other items list below
<input type="checkbox"/> Noise Current/existing _____ db	<input type="checkbox"/>
<input type="checkbox"/> Noise created during work _____db	<input type="checkbox"/>

Owner will use the Generation Guideline Implementation of Generation Contractor Supplemental Safety and Health Requirements to determine whether work requires the preparation of a HASP. If a HASP is determined to not be needed (per Decision Flow Chart), the selected contractor will be required to prepare a comprehensive Job Hazard Analysis (JHA) prior to starting work, in accordance with the Safety and Health Requirements. Owner, at its discretion, may waive the HASP requirement if all of the following conditions are met:

1. Low or Limited exposure to the following
 - a. Hazardous energy (such as electrical, pneumatic, hydraulic, etc)
 - b. Crane use or any rigging or hoisting
 - c. Excavation
 - d. Working at heights greater than 6' without primary fall protection (i.e., handrail)
 - e. Asbestos
 - f. Confined Space Entry
 - g. Lead or Heavy Metals, including fumes
 - h. Potential for high severity consequences
2. Contractor safety and health manual which adequately covers the scope of Work.
3. Contractor prepares a quality JHA for the Work.
4. Contractor demonstrates effective hazard control.
5. Contractor has an effective safety and health training program for its employees.

In accordance with the PWA and the above guidelines, the contractor who will be selected to perform this work:

- ☒ is required to prepare a Health and Safety Plan (HASP) and follow the Safety and Health Requirements in their entirety.
☐ may prepare a comprehensive Job Hazard Analysis (JHA) in lieu of a HASP and paragraph 2.11 applies.
☐ is exempt with management approval (see below)

The HASP and/or JHA(s) shall be submitted to Owner for review and discussion before Contractor may start work.

AEP Rep. Signature: Patrick Young Date: 08/25/2025

----- **ONLY REQUIRED IF EXEMPT** -----

Name: _____

Signature: _____

Exemption Expiration Date: _____

Note: Any contractor waived from the Safety and Health Requirements Rev 9 shall be done so in writing by the Facility Manager or Department manager (i.e. Plant manager, EP&FS section or department manager) or designee.

Services that could be considered for exemption may include;

ID	TYPE OF CONTRACTOR SERVICE
1	AERIAL SURVEYING
2	ASH SALES AGREEMENTS - Customer/Company has personnel reporting to a plant on a daily basis to perform service contract duties associated with buying/selling Combustion Coal Products.
3	ASH SALES AGREEMENTS - Customer/Company activities associated with Contractors entering plant on a short-term, daily basis for work that could include the plant loading of customer/company trucks.
4	ASH PICKUP BY LOCALS FOR BACKFILL OR BY COUNTY / CITY / STATE FOR USE ON ROADWAYS
5	COPIER, OFFICE OR JANITORIAL SERVICE IN OFFICE OR SERVICE BUILDING
6	ENGINEERING / DESIGN SERVICES
7	ENVIRONMENTAL/GENERAL CONSULTING, MONITORING, AND/OR INSPECTING SERVICES INCLUDING SURVEYING - Except for those activities that may disturb the earth through drilling, shoveling, and/or motorized vehicle traffic.
8	DELIVERY, INSPECTION AND REPAIR OF RENTAL EQUIPMENT
9	MATERIAL DELIVERY OR WASTE HAULING
10	LAWN OR LANDSCAPING SERVICE
11	ON SITE NURSING OR SECURITY SERVICES
12	ROAD MAINTENANCE INCLUDING SNOW REMOVAL EXTERIOR OF PLANT MAIN GATE AND PAVING
13	NO COST SERVICE AGREEMENTS TO ALLOW A VENDOR TO COME ONTO OUR SITES FOR A SITE VISIT, PRE-BID MEETING, ETC.
14	TRAINING PROVIDERS (ONSITE OR OFFSITE)