

Job Safety Environmental Analysis

Date Form Completed: _____ Site/Facility _____ Name of Person Completing Form: _____

Site/Facility Location: _____ Job/Task Description: _____

- Yes No Continuation of a previous job?
 Yes No SIMOPS or Multi-Crew Activity
 Provide brief description of SIMOPs activities _____

CoW Permits Required	<input type="checkbox"/> No Permit Required	Other Permits Required	<input type="checkbox"/> Other _____
<input type="checkbox"/> Energy Isolation (LOTO)	<input type="checkbox"/> Ground Disturbance	<input type="checkbox"/> Disabling of Safety System (bypass permit)	<input type="checkbox"/> Waste Disposal
<input type="checkbox"/> Confined Space	<input type="checkbox"/> Hot Work	<input type="checkbox"/> Lifting Operations	<input type="checkbox"/> Other _____

EMERGENCY RESPONSE

Emergency contact	Contact Number	Describe Muster point	Equipment/Job location, GPS coordinates, or driving directions for emergency response
(first contact)			
Control Room			
Law Enforcement Medical Responders Fire Department			
Hazardous Spill Response			<input type="checkbox"/> Yes <input type="checkbox"/> No Was Emergency Response Plan and Actions Reviewed and Agreed upon?
			If No, give reason _____

HSSE CONVERSATION POINTS

Check all that apply and give details as needed in the **Job Sequence / Hazards / Mitigation** Section on the back

Work Area Hazards

- Is this a Confined Space?
- Housekeeping concerns
- Moving equipment or vehicles
- Lighting levels too high/too low
- Extreme heat or cold/Weather
- Snowy/Icy conditions, storms or Lightning?
- Is "wind" a concern?
- Is ground wet, slippery, or muddy?
- Ignition sources / static / grounding
- Ensure equipment grounded during fueling
- Burns from hot fluids or equipment

Task Hazards

- Prolonged / extreme bending
- Repetitive motions
- Parts of body in line of fire
- Potential for slips trips and falls
- Limited access /tight clearances
- Pinch points for fingers / hands/ limbs
- Contact with sharp objects / edges
- Manual lifting (too heavy or awkward to lift)
- Over reaching / working above your head
- Hand tool inspection
- Use of air hand tools (impact gloves)
- Fire hazards possible?
- Designated Smoking Areas Identified?
- Inert gas or other asphyxiate – gas vapor
- Are others working overhead / below?
- Other jobs in area / area barricaded off?
- Fogging of eye protection
- Near overhead powerlines?
- Other _____

Personal Protective Equipment

- Hard hat, Safety Glasses, Prot toe boots
- FRC required inside fence boundary
- Hearing Protection required? Double?
- Gloves (rubber/leather/cotton) _____
- Face Shield, Splash Goggles
- Chemical Suit (Slicker, Acid)
- Respiratory Protection (SCBA or APR)
- Eyewash Station location identified?
- Special PPE Requirements: _____
- Jewelry hazards addressed?
- Other? _____

Emergency and Communication

- Alarms, beacons, horns
- Wind direction & windsocks
- Safety equipment locations
- Radios supplied?

Personnel Concerns

- New Employee / In-Experienced Workers
- Are all workers Fit For Duty? (medications, sleep, physical limitations, distractions, etc.)
- Language Barriers
- BP Accompanied Contractor

Environmental Issues

- Spill mitigation or containment (plan)
- Acid, glycol, oil, chemicals in use?
- MSDS review
- Odor or fumes present
- Waste material generated
- Chance of a pressure release (gas, liquid)
- Air borne contaminants (dust, fibers, asbestos)
- Waste disposal permits / plan
- Site Remediation Needed?
- Exposure to Public
- Other _____

Energy Isolation – LOTO N/A

- Has everyone received formal LOTO training?
- Walkthrough & discussion of LOTO
- Blocked in & locked out (verification)
- Depressurized / drained (verification)
- Breaker open and locked
- Mechanical energy released
- Assured grounding
- Purge / ventilation (Nitrogen, Air)
- LOTO Checklist Used (attached)
- Any risks of Trapped Energy?

Driving / Motorized Equipment N/A

- Discuss seat belts and cell phones
- Condition of road or route
- Parking location - Chocking required?
- Spotter / safety watch required
- Access unobstructed
- Grounding required
- Unattended operation
- Driving over/under piping or overhead electrical
- Vehicle inspection
- All loads secured
- ATV/SnowCat (training, PPE, pre-use inspection)

Heavy Equipment/Lifting N/A

- Is this a lift? Is permit required?
- Is this work over electrical equipment?
- Up-to-date Operator certification on File?
- Equipment Daily Inspections done
- Equipment swing radius clear?
- Positioning and outrigger location addressed
- Overhead power lines
- Air horn or other communication?
- Signal man / spotter
- Pinch locations
- Grounding or bonding requirements
- Is ground soft, hard, muddy, wet, sloped
- End of day crane lay-up-plan developed

Site Isolation N/A

- Barricades required?
- Safety Signs & Color Coding

Control System Hazards N/A

- Electrical bypass needed (permit filled out)
- Controller mode changes (Operational to
- Chance of equipment shutdown
- Shutdown bypassed or locked out

Working at Heights N/A

- Fall Protection Plan needed?
- Fall Protection inspection/training?
- Man lift (and/or hoist)inspected
- Proper tie-off points identified
- Full body harness and lanyard / lifeline
- Ladder Safety
- Walking surfaces (wet, slippery, icy)
- Scaffolding, Weight Capacity identified?
- Scaffolding shift inspection complete?
- Proper barriers established

eMOC N/A

- Does this work require an MOC?
- Is the work approved by the MOC?
- Other _____

Hot Work / Welding N/A

- LEL monitoring requirements
- Constant monitors set up
- O2 deficient, need IR detector
- Welding / X-ray (set up barriers?)
- Ventilation concerns (SST or Galvanized)
- Fire extinguisher / equip at job location?
- Fire watch
- Combustibles / LEL below work area
- Fire blanket
- Plant fire eyes bypassed?
- Ground rod for welding machine
- Ground lead as close to weld as possible
- Weld inspection or pressure test required
- Cold Cut, Cutting Torch, Electric Saw
- Unbolting of flanges,Other _____
- Is hot work near safety sensitive equip and/or flammable sources?

Ground Disturbance N/A

- One Call Performed
- Lines located/ marked/drawings reviewed?
- Is this a Confined Space?
- Approved shoring on hand?
- Proper sloping
- Area / Trench roped off or barricaded?
- Proper egress provided

Electrical Safety N/A

- Induced voltage potential
- Grounding and Bonding required?
- GFCI for electric power tools?
- Ensure safe distance is maintained while performing inspection of energized equipment

