NORTHWINDS of Wyoming, Inc.
Gas Plant,Compressor Station & Pipeline Construction
P.O. Box 599
Douglas, Wy 82633
307-358-6550

JOB SAFETY ANALYSIS (JSA)

Approved By:
Chad L. Underwood
Date:
02/03/2009

- This form must be filled out prior to the start of each new job, every day for every work crew on location.
- This form must be re-visited and readdressed if conditions change in the scope of work or environment.
- If utilizing a pre-written JSA for the day, every step must be reviewed verbally and site-specific information must be added to the JSA, discussed and signed by crew.

Site/Location: _____ Date: _____ Revisions: _____
(Date/Initials)

Description of Work:

Potential Hazards: (Check those that apply) ☐ Lifting hazards ☐ Fall potential ☐ Electrical shock	☐ Skin irritants ☐ Confined spaces ☐ Elevated load or work ☐ Short service employees ☐ Potential release of energy	☐ Water/ drowning hazard ☐ Fire or explosion potential ☐ Excavation hazard ☐ High noise levels ☐ Ionizing radiation	☐ Environmental extremes ☐ Pinch, crush, or striking hazards ☐ Hazardous chemical exposure (e.g. H_2S) ☐ Sharp edges or hot/ cold surfaces ☐ Other: _____

Applicable Safe Work Practices: (Check those that apply) ☐ Hot work permit ☐ Energy isolation procedure (LOTO) ☐ Use of barricades ☐ Special pre-job safety discussions	☐ Simultaneous Operations (SimOps) ☐ Confined Space Entry Permit ☐ Use of specialized PPE ☐ Review of emergency action plans ☐ Other: _____	Contact number in emergency situation: _____ Nearest crossroads/coordinates: _____ Muster point: _____ Designated smoking area: _____

Required PPE for Job Task: (Check those that apply) ☐ Life Vest ☐ Hard Hat	☐ Lifeline/Body Harness ☐ Safety Glasses ☐ Goggles ☐ Face Shield	☐ Hearing Protection ☐ Safety Shoes ☐ Air Purifying Respirator ☐ Supplied Air Respirator	☐ PPE Clothing (FRC) ☐ Gloves ☐ Other: _____

List and discuss the *Major Job Steps*, the *Potential Hazards* of each step and associated *Consequences*, and actions to eliminate or reduce hazards, and revise as conditions change during the course of the day's activities.

Major Job Steps	Potential Hazards & Consequences	Actions Taken to Eliminate Hazard

Safety Reminders

Each job or operation consists of a set of tasks/steps. Be sure to list all the steps needed to perform job.
A hazard is a potential danger. Break hazards into five steps:

1. **Contact** – victim is struck by or strikes an object.
2. **Caught** – victim is caught on, caught in or caught between objects.
3. **Fal**l – victim falls to ground or lower level (includes slips and trips).
4. **Exertion** – excessive strain or stress/ergonomics/lifting techniques.
5. **Exposure** – inhalation hazards.

Using the first two columns as a guide, describe what actions or procedures are necessary to eliminate or minimize the risk. List the recommended safe operating procedures, indicating exactly what needs to be done – such as "use two persons to lift." Avoid general statements such as "be careful."

- Have all contract workers received orientation? ☐ Yes ☐ No
- Does everyone involved in the work understand the job hazards, processes, and safe work practices (such as MSDS, proper tools and equipment, opening process equipment and piping, safety manual rules for equipment, and permitting requirements) associated with the work? ☐ Yes ☐ No
- Are all applicable permits in place (hot work, confined space, lockout/tagout)? ☐ Yes ☐ No
- Are all workers trained in the specific job tasks? ☐ Yes ☐ No
- Does everyone understand the job's emergency evacuation plan? ☐ Yes ☐ No

JSA Participants

Supervisor: _____ Sign: _____

Sign: _____ Sign: _____

Sign: _____ Sign: _____

Sign: _____ Sign: _____

Sign: _____ Sign: _____

Sign: _____ Sign: _____

Sign: _____ Sign back of form if additional signatures are needed.