



Safety Orientation

Questions to answer ...before you start work.

1. What are **Your Safety Responsibilities**?
2. Are you familiar with the **CNRL Standards** that apply to this job?
3. Are there **Health Hazards** to be aware of?
4. Is special **Training Required**?
5. What **Personal Protective Equipment** is required to be worn?
6. What are the **Emergency Procedures**?
7. Where are the fire extinguishers, first aid kits and other **Emergency Equipment**?
8. Do you need an **Assessment / Permit**?
9. Did you have a **Safety Meeting**?
10. When are **Accident / Incident Reports** required?
11. What are the **First Aid** requirements for this site?

Place sticker on your hard hat after signing the attached orientation form
August 2004

1. Safety Responsibilities

Supervisors are responsible to ensure:

- The Health & Safety of workers and visitors on the work site.
- That workers are properly trained to perform their job and are aware of their responsibilities.
- Compliance with government requirements, industry standards and company guidelines.
- Appropriate tools and safety equipment are supplied, used and maintained as per mfg. spec.
- Workers use required safety and personal protective equipment.
- Workers are aware of their right to refuse unsafe work.
- Workers are informed of what is expected of them.

Workers are responsible to:

- Protect the health and safety of themselves as well as other personnel on site.
- Properly use and maintain personal protective equipment.
- Abide by all government requirements, company policies, procedures or standards.
- Report all accidents and potential hazards to their supervisor(s).
- Refuse to work under unsafe conditions or perform work for which they are not adequately trained.

2. CNRL Standards

Alcohol and/or Illegal Drugs

- Workers under the influence of alcohol or illegal drugs are not permitted on company premises. Violators of policy will be removed from the site.
- Workers under any prescribed medication that may impair their ability to work must notify their supervisor.

Confined Space Entry must be performed according to the applicable provincial Occupational Health & Safety General Regulations.

Diesel Powered Combustible Engine(s)

- Diesel engines are required to have positive air shut offs in place when within 25 meters of a hydrocarbon source (ref: Part 8, Section # 8.100 of the Oil & Gas Conservation Act).

Trucking

- Auto positive air shut offs are required when trucking any flammable fluid.
- All trucks must be grounded / bonded.
- The truck engine & exhaust must be positioned a minimum of 7 meters away from the loading / unloading point.
- Drivers must be knowledgeable on the MSDS of the product(s) being hauled.
(ref: CNRL Loading Procedure and IRP's 4 & 8)

Cranes, Hoists and Pickers

- Must be operated by properly trained personnel. (if picker is >5 ton, operator must be qualified).
- Workers must not stand on or under suspended loads.
- Tag ropes must be used and hooks equipped with safety latches.

Electrical Operations

- Must be performed by qualified personnel.
- Equipment must be properly locked & tagged out before electrical maintenance can be performed.
- Workers must maintain appropriate distances between power lines and their equipment.

Excavations and Trenches

- Excavations exceeding 1.5m (Sask. & BC 1.2m) depth cannot be entered unless they are protected from cave-ins or sliding material (proper shoring, trench cut back or engineered devise).
- Location of all underground services must be identified before digging commences.
- Buried pipelines and cables must be hand exposed or daylighted before mechanical excavation is permitted. (ref: CNRL - Ground Disturbance Guideline).
- Adequate access and egress must be provided in all excavations.
- Mechanical equipment is not permitted within 60cm of energized pipelines and electrical cables.
- The spoil pile must be at least 1m from the edge of the trench.
- Excavations and trenches must be adequately marked or barricaded to prevent accidental entry by personnel, livestock or wildlife.

Fall Arresting Equipment

- All workers working above 3 meters must wear C.S.A. approved 5-point safety harness and lifeline(s).
- Training as per applicable provincial requirements. (ref: Canadian Natural - Fall Arrest Code of Practice)

Hair

- Must be completely confined or cut short where there is a danger of it contacting moving equipment.
- Beards, goatees, (below the jawbone) or excessive facial hair are prohibited on CNRL worksites where hydrocarbons are present or could be released.

Housekeeping

- Work areas must be kept clean and free of obstructions.
- Spilled toxic or corrosive chemicals must be cleaned up and all wastes must be appropriately disposed of according to the Provincial Requirements.
- Manage garbage so as not to attract wildlife (bears).

ACKNOWLEDGMENT

I have read and understand Canadian Natural's Safety Orientation. I also agree to comply with Government requirements and industry standards.

Worker Name: _____ (print)

Worker Signature: _____

Employer: _____

Date: _____

Please complete this acknowledgement sheet, detach and keep the orientation form for further reference. Acknowledgement form must be given to a CNRL supervisor or representative.

Completed acknowledgement forms are to be sent to Canadian Natural Suite 2500, 855-2nd St. S.W. Calgary, Alberta T2P 4J8 (Safety & Compliance)

Ladders

- Must be inspected before each use for broken or damaged rung(s), broken side rails or missing non-slip devices.
- Ladders must be secured at the top, or otherwise held in place, to the structure they are set against.
- Employees working from a fixed ladder > 3 meters must utilize fall assist or fall arrest devices.
- Workers are not permitted to work from the top two rungs of a portable ladder.
- Workers are not permitted to walk on tank roofs.

Lockout and Isolation

- All valves or sources of energy must be locked & tagged out (rendered inoperative), if it's accidental opening or closing will create a hazard to workers (one lock per person working on the equipment).
- Every worker conducting maintenance or repairs must confirm the isolation and lock out of the equipment they are working on. The worker must retain possession of that key while he is working on the equipment.
- The worker must remove his lock, when finished the repair or maintenance work.

Machine Guards

- Guards are provided to protect personnel from moving parts on machinery and must be kept in place at all times.
- Hand held grinder guards must be in place.

Smoking is only permitted in designated areas, must be > 25 meters from any potential hydrocarbon source.

Working Alone

- Must be followed as per provincial requirement. At minimum follow CNRL's - Working Alone Hazard Assessment and Procedures.

Violence

- Violence, harassment and horseplay will not be tolerated in the workplace.

3. Health Hazards

- Some of the substances you may be exposed to while working on CNRL facilities can be harmful to your health.
- Personal protective equipment is required when working with: asbestos, benzene, heavy metals, hydrogen sulfide, pesticides, radioactive material, solvents and acids.
- Ref: applicable MSDS sheets found at facility offices.
- Ref applicable Canadian Natural - Codes of Practice.

4. Training

- Contractors must be orientated / trained as per Industry Recommend Practice #16 or equivalent.

- Workers in areas that have the potential for H2S release must be certified in H2S Alive or H2S rescue, or be directly supervised by someone that is trained in H₂S Alive or Rescue.
- Where applicable, other required training may include (ref: provincial requirements):
 - * First Aid
 - * Confined Space Entry
 - * Fall Arrest & Rescue
 - * Fire Training
 - * Transportation of Dangerous Goods
 - * WHMIS (training, labels, MSDS's)
 - * Well Control or Blowout Prevention
 - * CNRL - Site Supervisor Safety Training (IRP#7)
 - * Ground Disturbance
 - * ATV, Bobcat, Forklift and Snowmobile
 - * Detection and Control of Flammable substances.

5. Personal Protective Equipment

When applicable, all workers at Canadian Natural worksites must wear the following personal protective equipment:

- ANSI, M.S.A. or C.S.A. approved hard hats.
- C.S.A. approved safety-toed footwear appropriate to the work being done.
- Fire retardant or resistant outer work wear (including hoods) are required when working on any site within 25 meters of a potential hydrocarbon source.
- Nylon clothing is prohibited.
- Safety glasses w/ side shields must be worn at all times and be appropriate to the work being done. Face shields for grinding & lighting burners, goggles when handling chemicals. Contact lenses are not recommended.
- Hearing protection in areas where noise levels exceed the provincial requirement. (85 dBa AB. & BC, 80 dBa Sask.)
- Personal gas detection equipment applicable to the working environment.

6. Emergency Response

- Supervisors must be familiar with the Canadian Natural - Corporate Emergency Response Plan.
- Recommend respiratory equipment fit testing and periodic man down drills be performed.
- Conduct annual ERP training exercise.
- The priority in an emergency is People, Environment and Equipment.

7. Emergency Equipment

- All workers must be familiar with the location of fire extinguishers, eye wash stations, showers, MSDS

sheets, the first aid station and any other onsite emergency equipment.

- Communication device(s) are required for workers to summon first aid emergency services.

8. Hazard Assessment / Permit

Hazard Assessments are to be completed for all work performed by a contractor / service provider, to ensure they are aware of the scope of the job, hazards involved and the control measures to safely perform the intended work. This would i/c the use of safe operating procedures. Additional Permits may also include:

- Confined Space Entry
- Ground disturbance
- Hot work (welding / cutting / grinding / electrical)
- Rig Operations

If conditions change from those outlined in the assessment, it becomes invalid and the work must stop. The activity must be reassessed and a new Hazard Assessment issued.

9. Safety Meetings

- Pre-job tailgate safety meetings must be held prior to undertaking a hazardous or potentially hazardous activity.
- Ensure everyone on lease understands the work to be done, hazards they may encounter and safety precautions to be taken.
- Document the meeting and those in attendance.
- For jobs > 7 days a documented safety meeting must be held.

10. Incident Reports

- All Near Misses, Spills and Incidents must be reported to the site supervisor and area safety rep. (ref: CNRL - Incident Reporting Procedure)
- All injuries must be recorded in the First Aid Logbook.
- If a first aid attendant is on site, all injuries must be reported to the attendant.

11. First Aid

- There must be a Canadian Natural - Transportation of an Injured Worker Plan completed, posted and reviewed with all the workers.
- If the work area is >40 minutes (20 minutes B.C.) from a Health Care Facility an emergency transport vehicle must be readily available. The ETV must have a communication device, be heated and support a stretcher. (ref: Provincial First Aid requirements)